

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
 Data File : BF118385.D
 Acq On : 30 Dec 2019 17:13
 Operator : JU
 Sample : K6456-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MS

Manual Integrations
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mohammad
 12/31/2019 12:04:02 PM

Quant Time: Dec 31 01:17:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140888	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	557916	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	309743	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	601309	20.00	ng	0.00
76) Chrysene-d12	14.06	240	427783	20.00	ng	0.00
87) Perylene-d12	15.54	264	398091	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1024057	124.07	ng	0.02
7) Phenol-d6	6.50	99	1313318	128.27	ng	0.01
23) Nitrobenzene-d5	7.42	82	794090	81.41	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	491535	128.50	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1668045	82.20	ng	0.00
79) Terphenyl-d14	12.99	244	2241487	86.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	126630	38.594	ng	97
3) Pyridine	3.41	79	321845	36.817	ng	97
4) n-Nitrosodimethylamine	3.36	42	154264	42.682	ng	100
6) Aniline	6.52	93	336782	25.904	ng	# 59
8) 2-Chlorophenol	6.65	128	430321	46.035	ng	99
9) Benzaldehyde	6.40	77	231912	38.633	ng	98
10) Phenol	6.51	94	513711	44.639	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	371497	45.139	ng	99
12) 1,3-Dichlorobenzene	6.79	146	459792	42.709	ng	100
13) 1,4-Dichlorobenzene	6.87	146	471397	43.109	ng	98
14) 1,2-Dichlorobenzene	7.02	146	441578	42.772	ng	98
15) Benzyl Alcohol	7.00	79	353676	45.368	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	383799	43.702	ng	81
17) 2-Methylphenol	7.12	107	340344	45.394	ng	97
18) Hexachloroethane	7.36	117	169296	42.184	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	278577	44.166	ng	96
20) 3+4-Methylphenols	7.27	107	438706	45.719	ng	97
22) Acetophenone	7.26	105	579521	42.382	ng	# 96
24) Nitrobenzene	7.44	77	420250	43.008	ng	100
25) Isophorone	7.68	82	772056	45.414	ng	99
26) 2-Nitrophenol	7.76	139	241419	46.645	ng	99
27) 2,4-Dimethylphenol	7.80	122	376929	53.377	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	483582	43.495	ng	99
29) 2,4-Dichlorophenol	8.00	162	370707	45.609	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	403072	42.572	ng	97
31) Naphthalene	8.16	128	1256035	44.294	ng	100
32) Benzoic acid	7.95	122	240464	41.233	ng	94
33) 4-Chloroaniline	8.22	127	133162	10.954	ng	96
34) Hexachlorobutadiene	8.27	225	232101	41.182	ng	98
35) Caprolactam	8.60	113	120899m	47.644	ng	
36) 4-Chloro-3-methylphenol	8.71	107	400727	45.921	ng	97
37) 2-Methylnaphthalene	8.86	142	881188	45.387	ng	99
38) 1-Methylnaphthalene	8.96	142	832642	45.521	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	384968	41.366	ng	99

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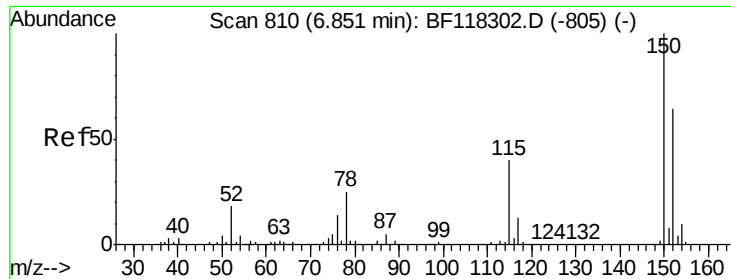
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	296301	76.102	nq	97
43) 2,4,6-Trichlorophenol	9.14	196	268132	43.126	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	286305	44.764	nq	98
46) 1,1'-Biphenyl	9.32	154	1053153	42.988	nq	99
47) 2-Chloronaphthalene	9.35	162	826969	41.941	nq	97
48) 2-Nitroaniline	9.45	65	230963	41.470	nq	99
49) Acenaphthylene	9.77	152	1307028	44.695	nq	100
50) Dimethylphthalate	9.62	163	1125738	48.418	nq	99
51) 2,6-Dinitrotoluene	9.69	165	226300	45.146	nq	99
52) Acenaphthene	9.94	154	762918	42.831	nq	99
53) 3-Nitroaniline	9.86	138	129209	21.962	nq	89
54) 2,4-Dinitrophenol	9.98	184	208873	82.472	nq	97
55) Dibenzofuran	10.11	168	1157546	43.981	nq	97
56) 4-Nitrophenol	10.05	139	319024	87.837	nq	94
57) 2,4-Dinitrotoluene	10.10	165	297451	44.409	nq	# 84
58) Fluorene	10.46	166	938320	44.164	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	250628	46.119	nq	97
60) Diethylphthalate	10.33	149	1043969	45.386	nq	100
61) 4-Chlorophenyl-phenylether	10.45	204	466796	44.012	nq	97
62) 4-Nitroaniline	10.49	138	246087	40.263	nq	99
63) Azobenzene	10.60	77	886752	45.008	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	160262	49.405	nq	99
66) n-Nitrosodiphenylamine	10.57	169	837293	43.446	nq	98
67) 4-Bromophenyl-phenylether	10.93	248	301002	42.774	nq	94
68) Hexachlorobenzene	11.01	284	342114	41.302	nq	97
69) Atrazine	11.10	200	300736	50.562	nq	96
70) Pentachlorophenol	11.21	266	293809	81.902	nq	98
71) Phenanthrene	11.42	178	1420240	43.326	nq	100
72) Anthracene	11.47	178	1479697	45.097	nq	99
73) Carbazole	11.63	167	1278122	43.900	nq	99
74) Di-n-butylphthalate	11.95	149	1755150	47.544	nq	99
75) Fluoranthene	12.62	202	1490995	45.069	nq	99
77) Benzidine	12.74	184	755798	64.480	nq	99
78) Pyrene	12.85	202	1493268	42.747	nq	98
80) Butylbenzylphthalate	13.46	149	742055	47.178	nq	97
81) Benzo(a)anthracene	14.04	228	1312921	43.847	nq	100
82) 3,3'-Dichlorobenzidine	14.00	252	311466	30.679	nq	100
83) Chrysene	14.09	228	1246269	43.467	nq	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	1109757	53.657	nq	99
85) Di-n-octyl phthalate	14.63	149	1741778	57.252	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1151810	47.148	nq	99
88) Benzo(b)fluoranthene	15.11	252	1135935	42.987	nq	98
89) Benzo(k)fluoranthene	15.14	252	1127732	44.446	nq	99
90) Benzo(a)pyrene	15.49	252	1008418	43.320	nq	99
91) Dibenzo(a,h)anthracene	17.08	278	987126	48.866	nq	99
92) Benzo(g,h,i)perylene	17.52	276	950801	48.725	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

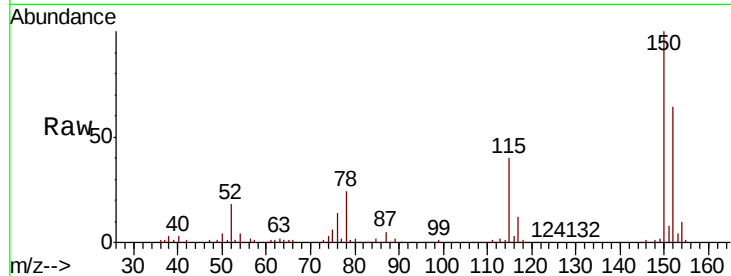
ClientSampleId :

SB-04MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.4	188.2
115	62.3	50.2	75.4

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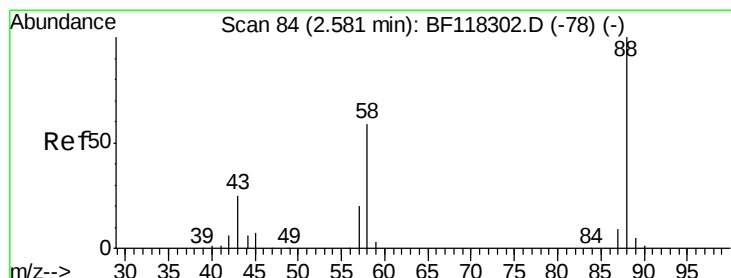
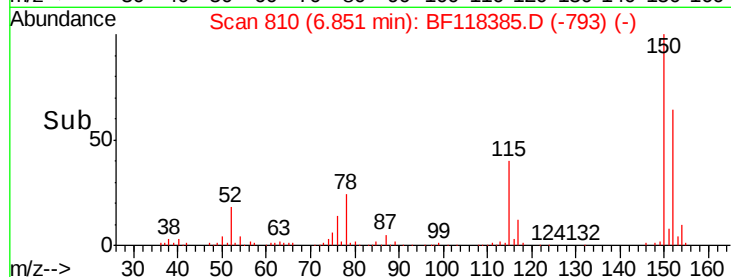
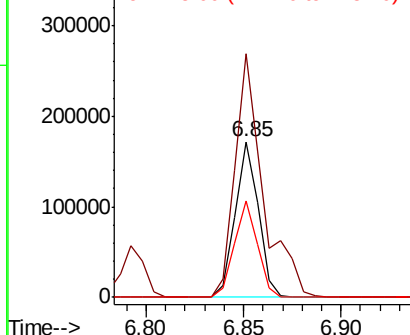


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.594 ng

RT: 2.65 min Scan# 95

Delta R.T. 0.06 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

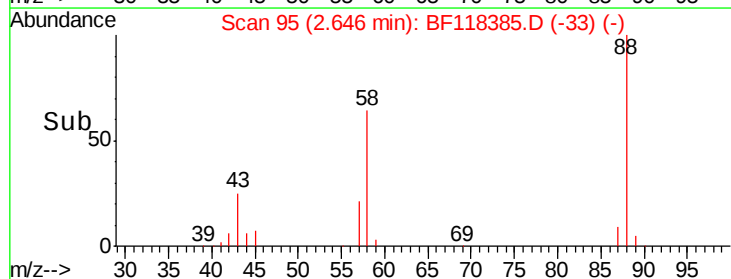
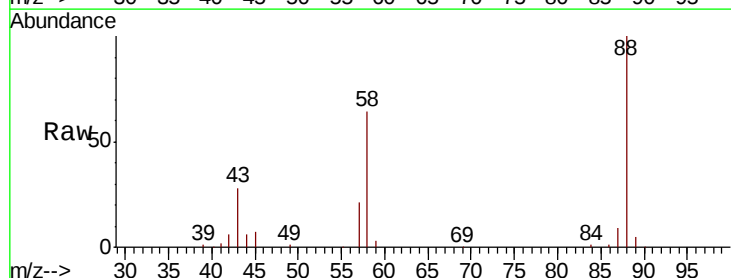
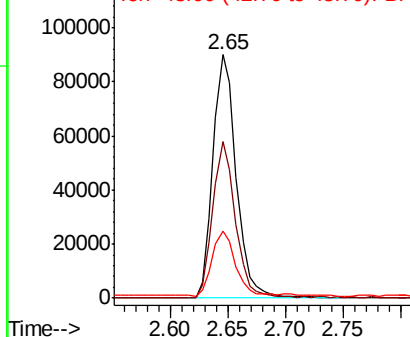
Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.8	47.6	71.4
43	26.2	20.6	30.8

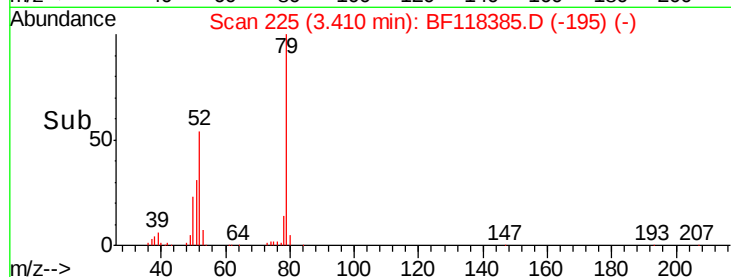
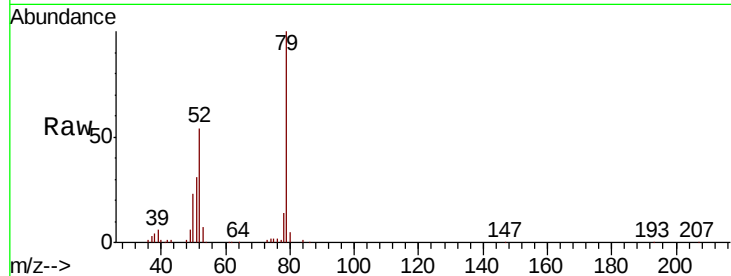
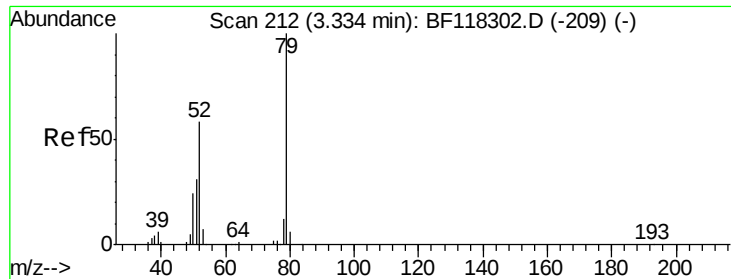
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





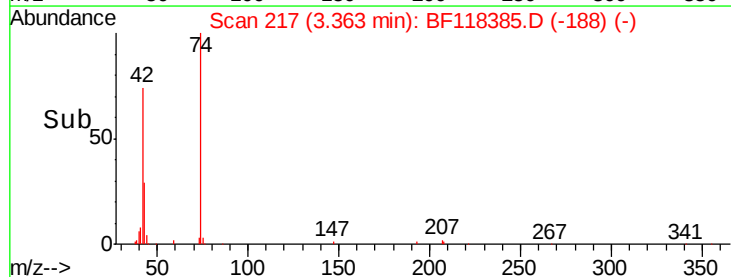
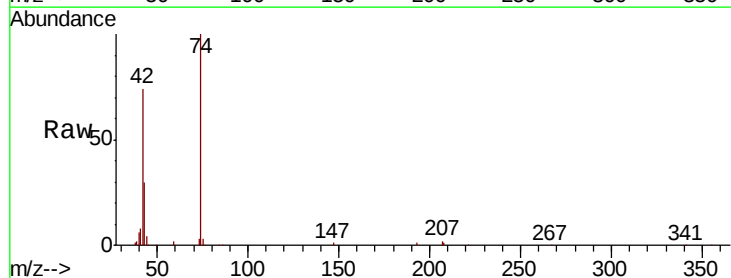
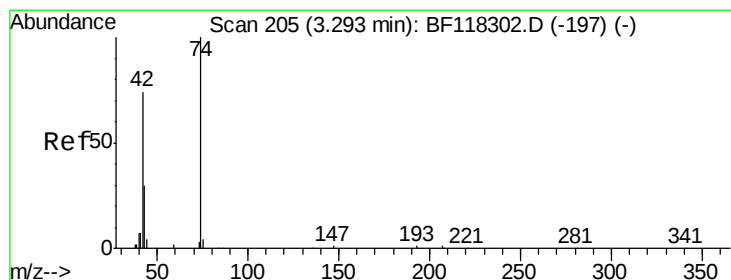
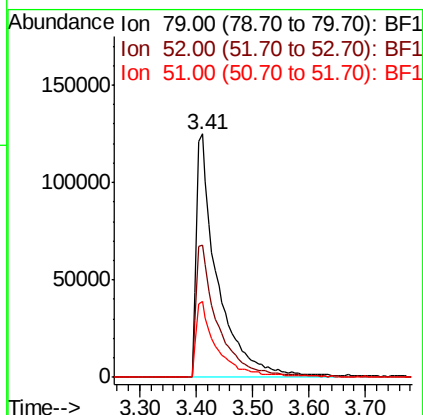
#3
Pvridine
Concen: 36.817 ng
RT: 3.41 min Scan# 225
Delta R.T. 0.08 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tot Ion	Ratio	Lower	Upper
79	100		
52	54.2	46.4	69.6
51	31.4	24.9	37.3

Instrument :
BNA_F
ClientSampleId :
SB-04MS

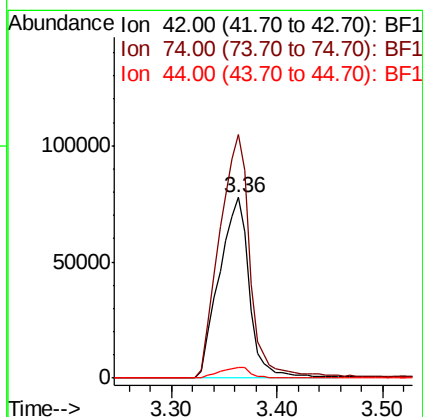
Manual Integrations
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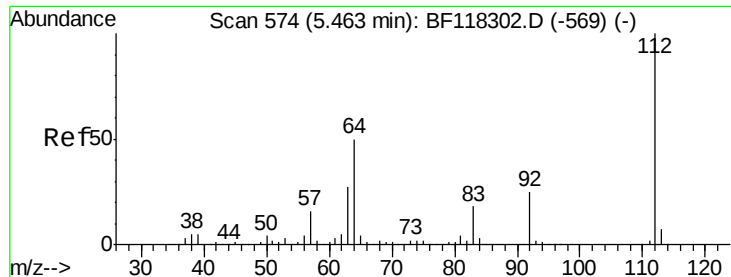
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#4
n-Nitrosodimethylamine
Concen: 42.682 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.07 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.0	107.7	161.5
44	5.8	4.8	7.2





#5

2-Fluorophenol

Concen: 124.074 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

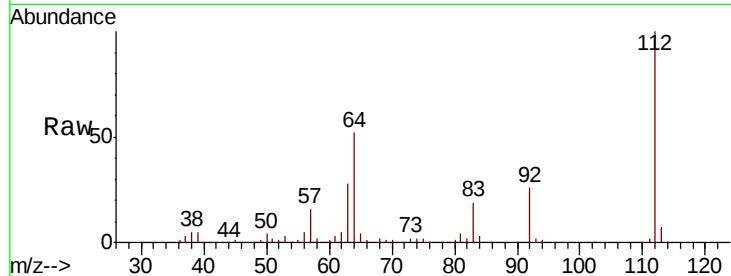
ClientSampleId :

SB-04MS

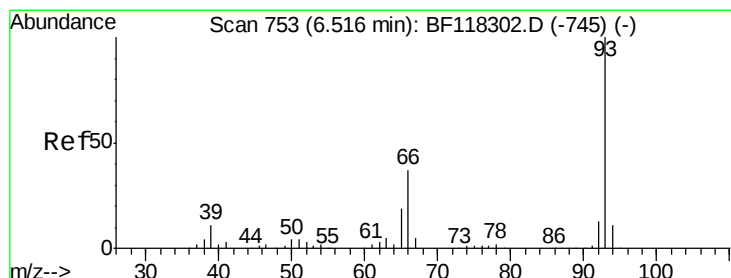
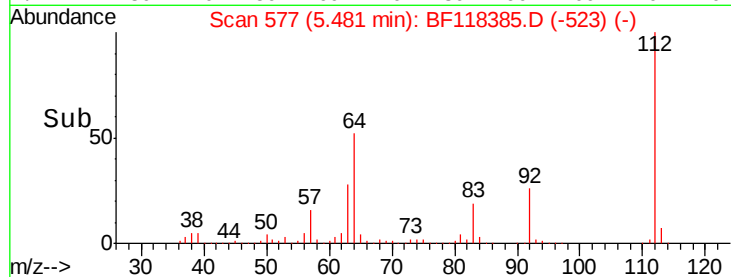
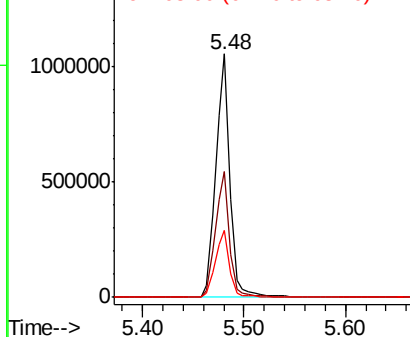
Tot Ion:	112	Resp:	1024057
Ion	Ratio	Lower	Upper
112	100		
64	51.5	39.7	59.5
63	27.7	21.7	32.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.904 ng

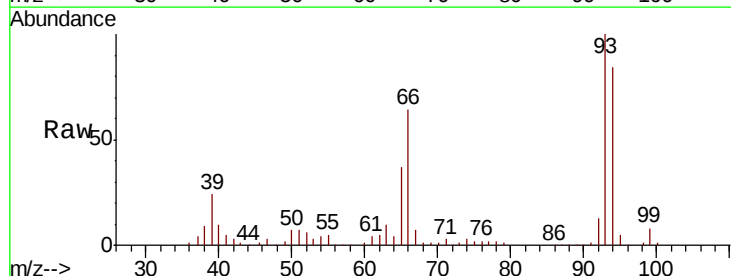
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

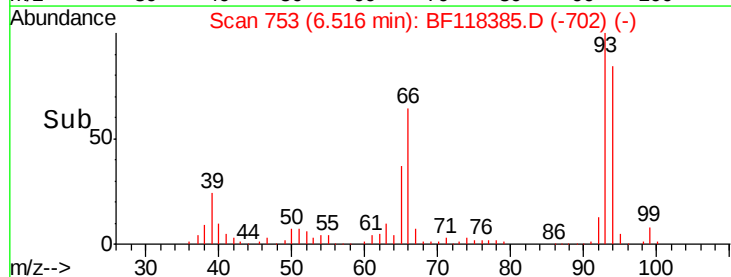
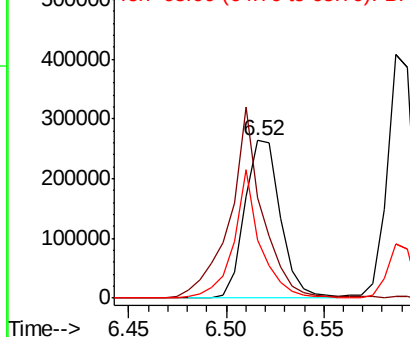
Lab File: BF118385.D

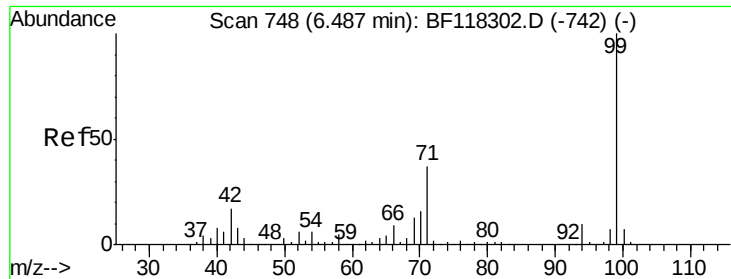
Acq: 30 Dec 2019 17:13

Tgt Ion:	93	Resp:	336782
Ion	Ratio	Lower	Upper
93	100		
66	63.6	30.2	45.4#
65	37.1	15.7	23.5#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.269 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampled :

SB-04MS

Tot Ion: 99 Resp: 1313318

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

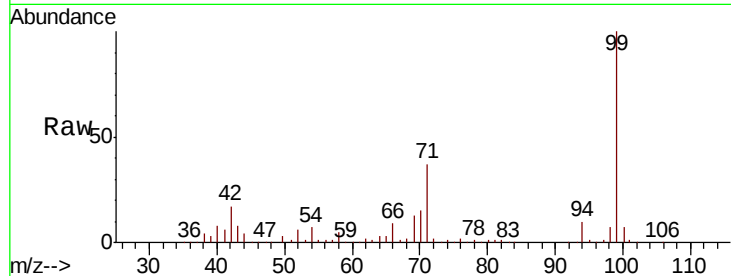
71 36.8 29.4 44.2

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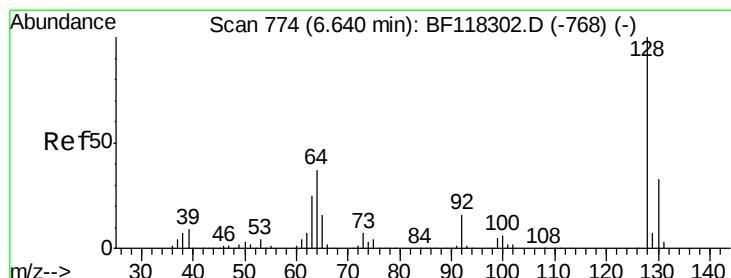
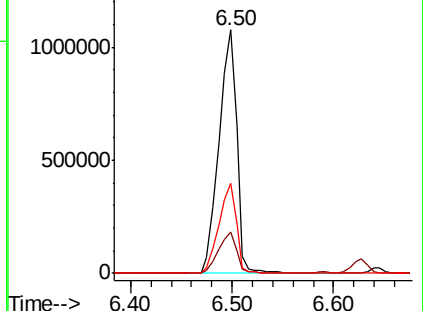
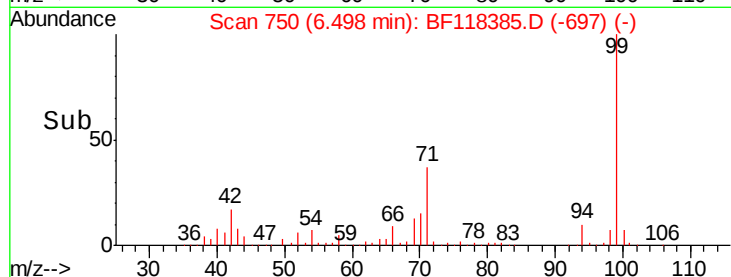
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.035 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

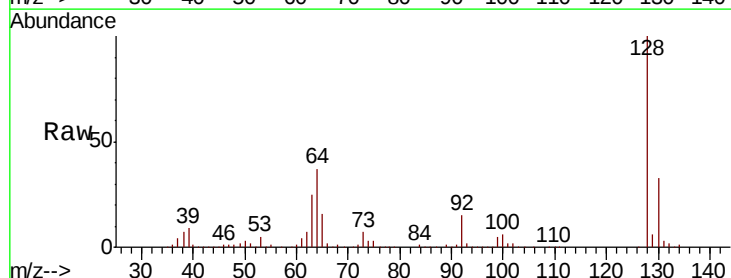
Tgt Ion:128 Resp: 430321

Ion Ratio Lower Upper

128 100

130 32.5 13.2 53.2

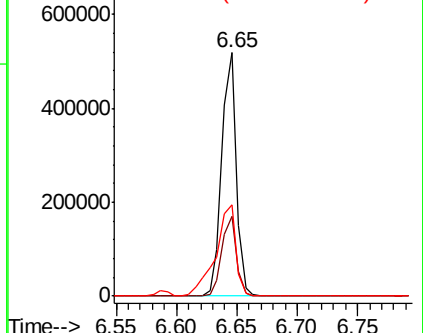
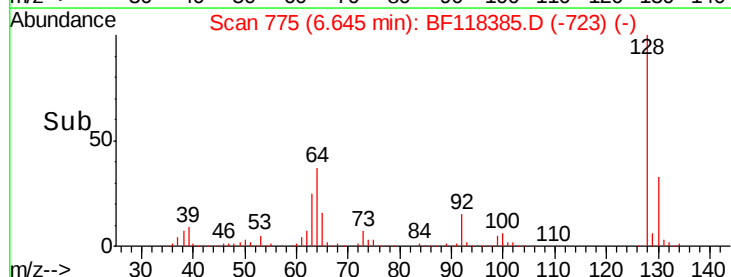
64 37.4 17.7 57.7

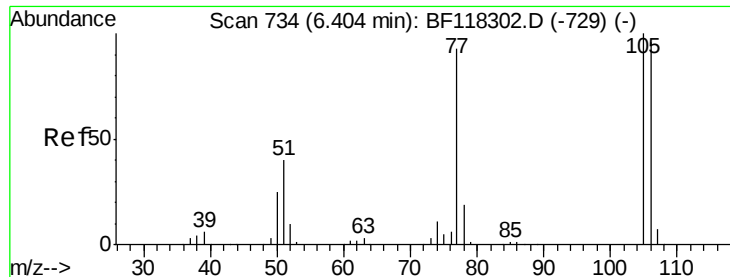


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.633 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

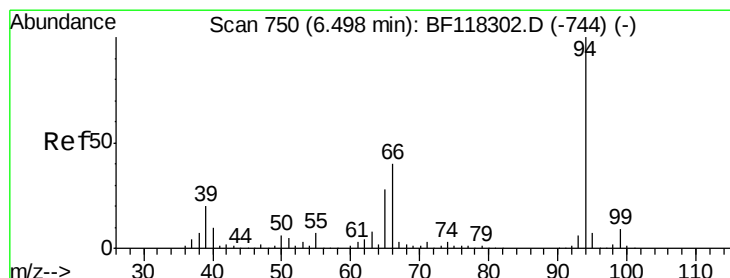
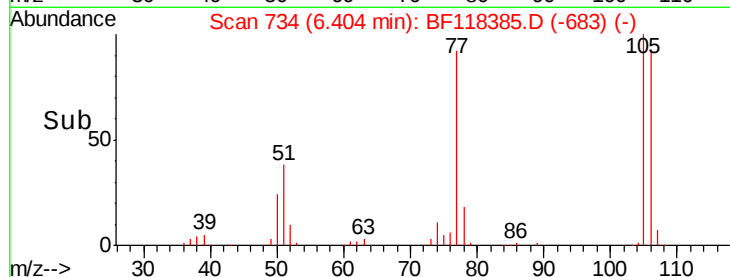
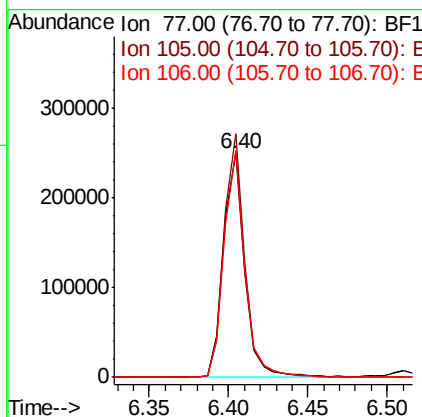
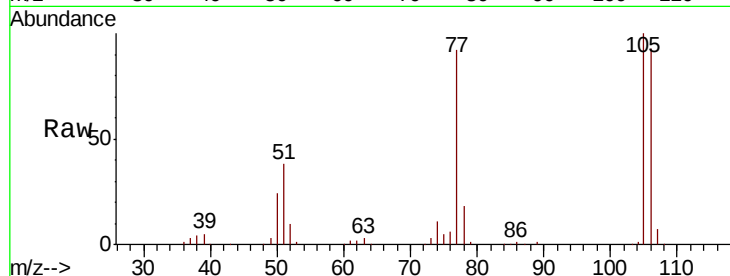
ClientSampleId :

SB-04MS

Tot Ion:	77	Resp:	231912
Ion	Ratio	Lower	Upper
77	100		
105	108.5	87.5	127.5
106	101.3	83.6	123.6

Manual Integrations
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#10

Phenol

Concen: 44.639 ng

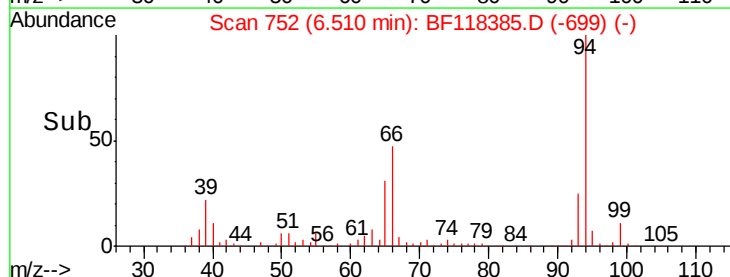
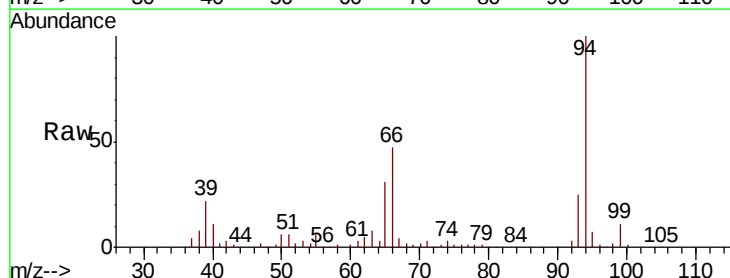
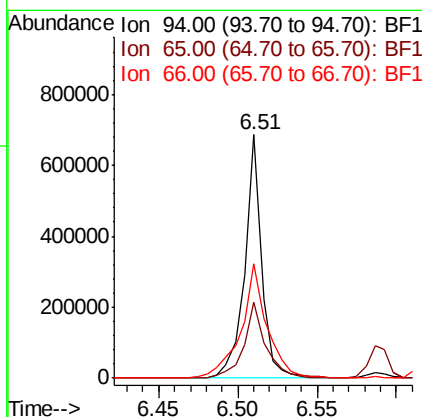
RT: 6.51 min Scan# 752

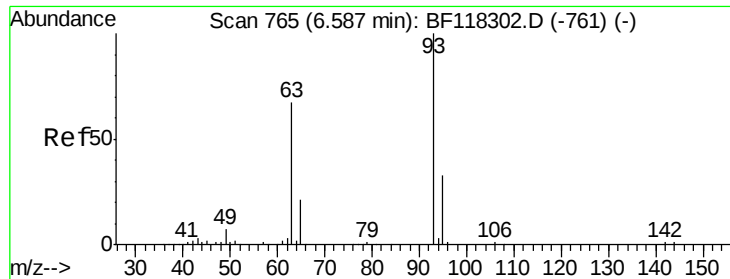
Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Tgt Ion:	94	Resp:	513711
Ion	Ratio	Lower	Upper
94	100		
65	31.4	7.8	47.8
66	46.7	20.4	60.4





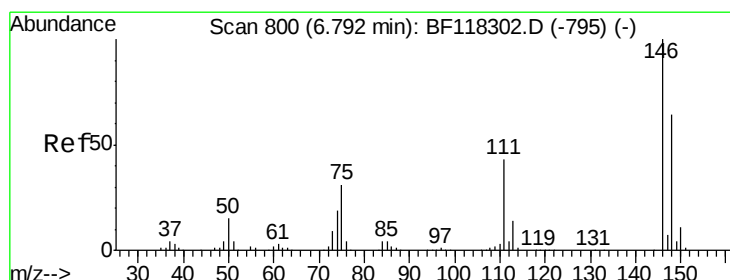
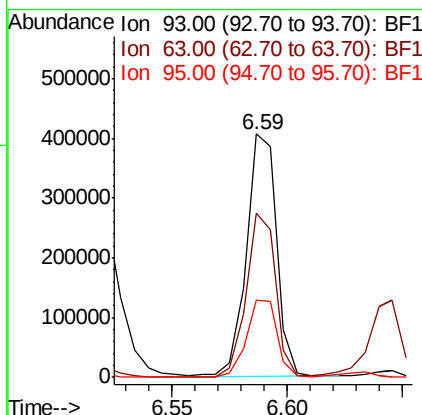
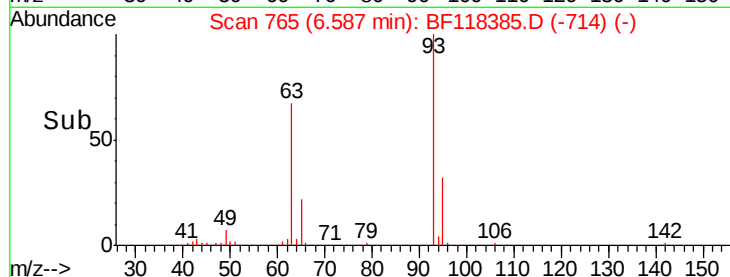
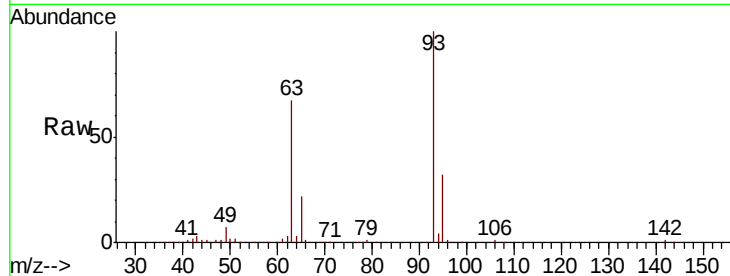
#11
bis(2-Chloroethyl)ether
Concen: 45.139 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion:	93	Resp:	371497
Ion	Ratio	Lower	Upper
93	100		
63	67.4	47.0	87.0
95	31.9	12.8	52.8

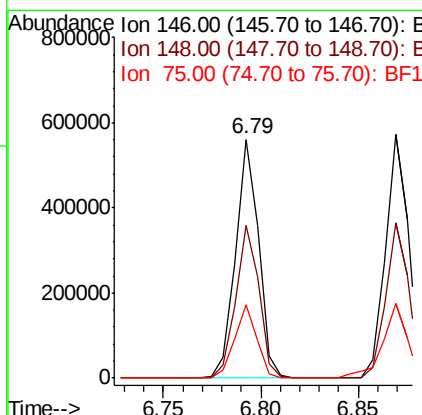
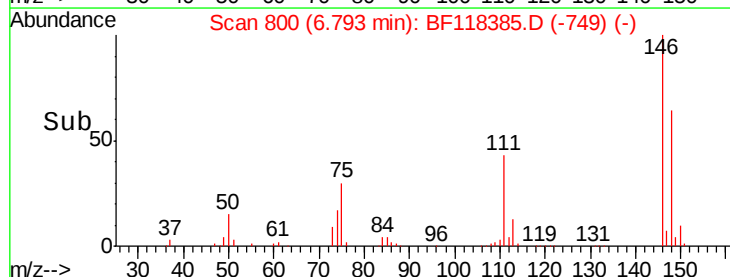
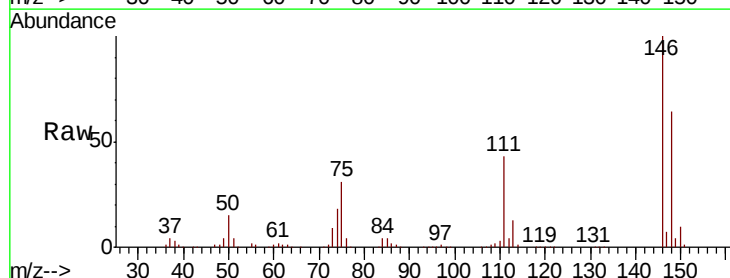
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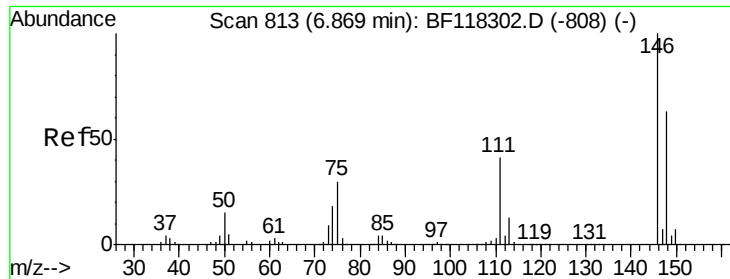
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.709 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion:	146	Resp:	459792
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
75	30.6	24.4	36.6





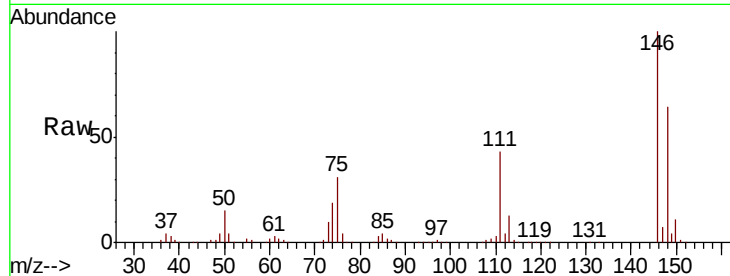
#13
 1,4-Dichlorobenzene
 Concen: 43.109 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.3	75.5
111	42.5	32.8	49.2

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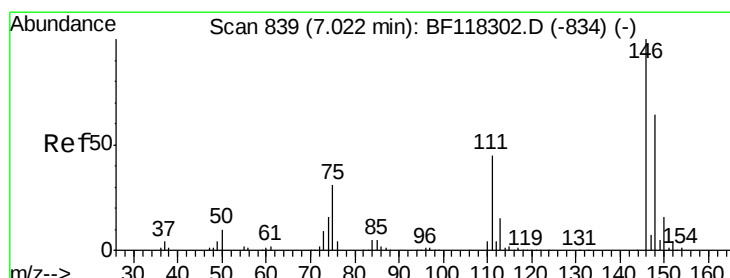
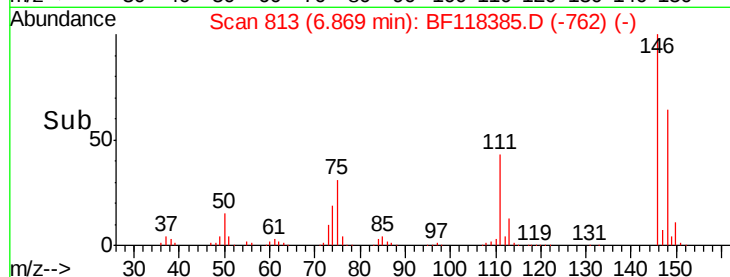
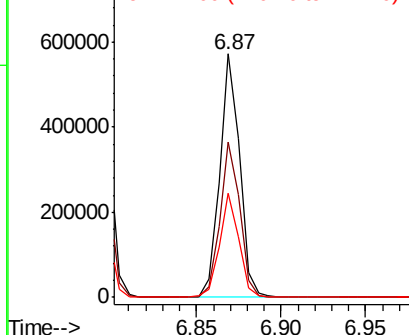


Abundance

Ion 146.00 (145.70 to 146.70): E

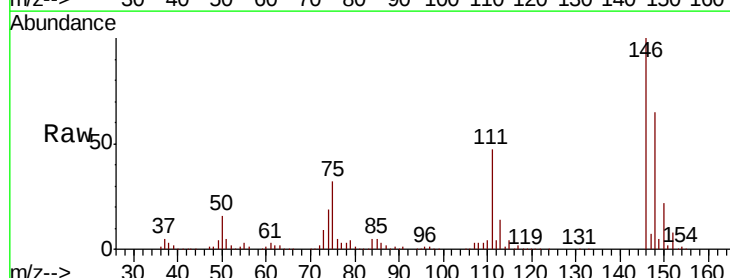
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 42.772 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.3	76.9
111	46.6	35.7	53.5

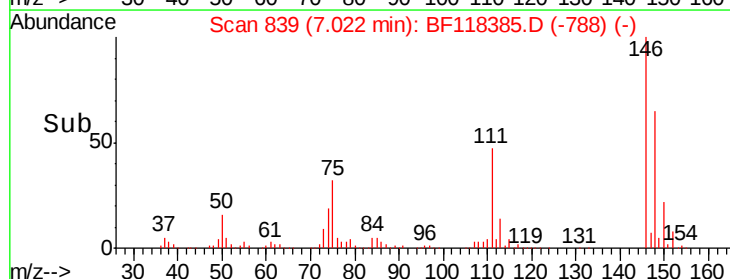
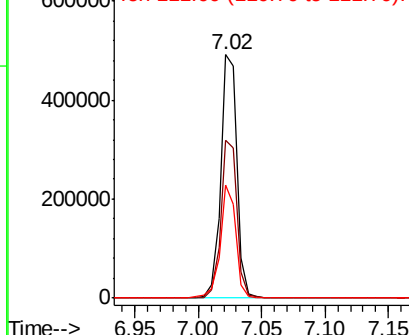


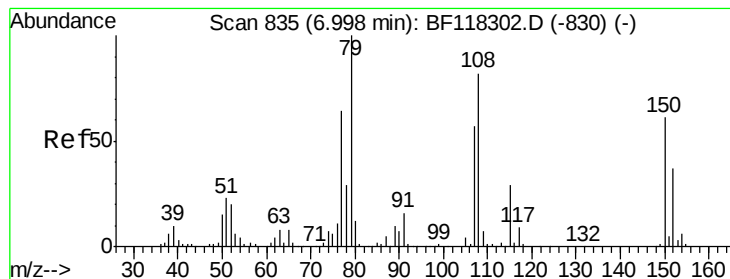
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.368 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

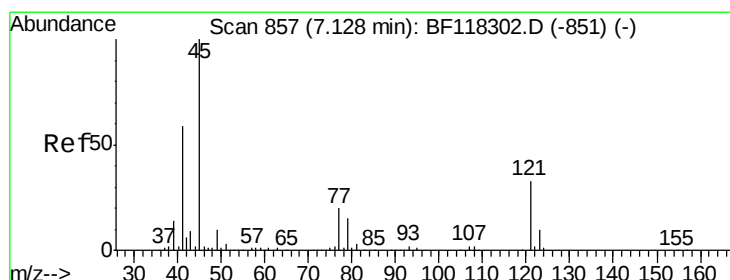
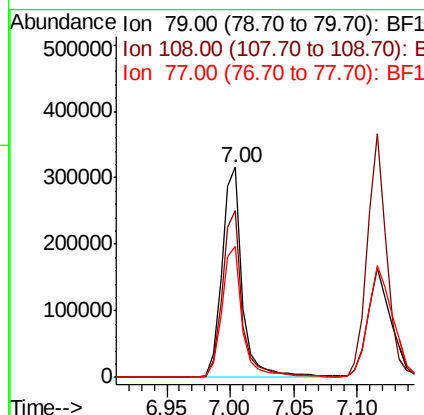
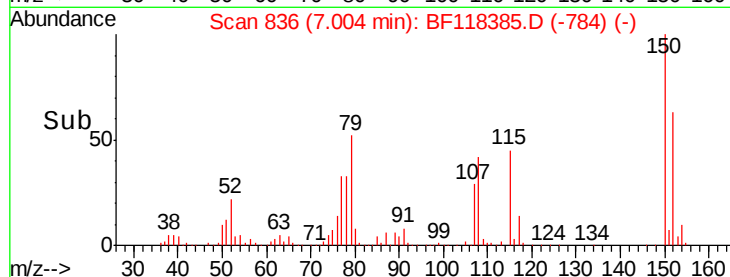
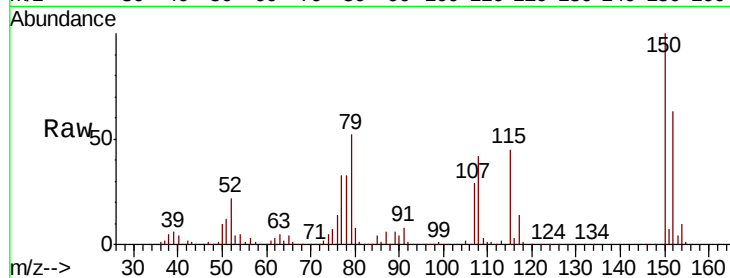
ClientSampled :

SB-04MS

Tot Ion:	79	Resp:	353676
Ion Ratio	Lower	Upper	
79	100		
108	79.7	65.4	98.0
77	62.4	51.4	77.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.702 ng

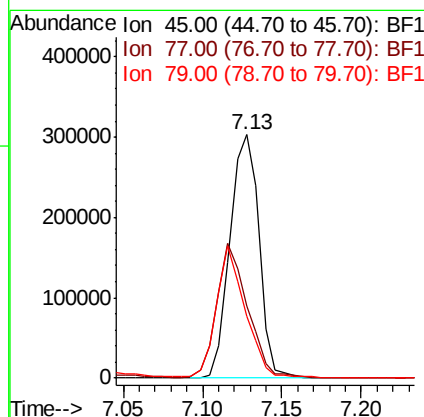
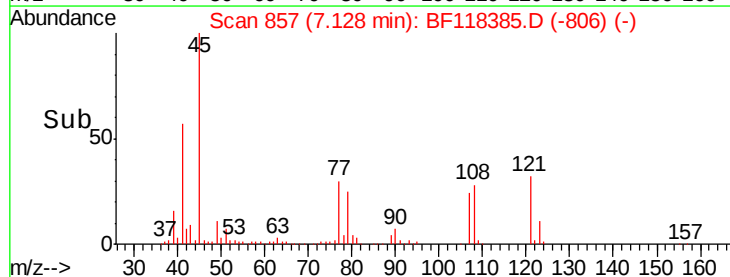
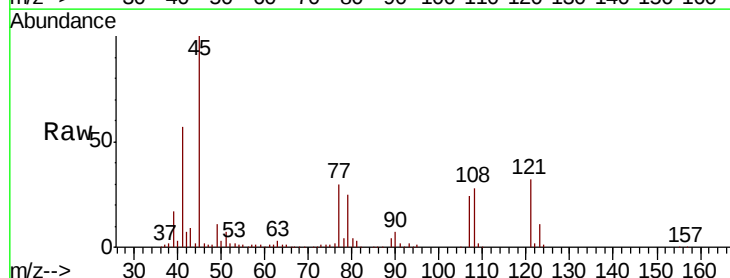
RT: 7.13 min Scan# 857

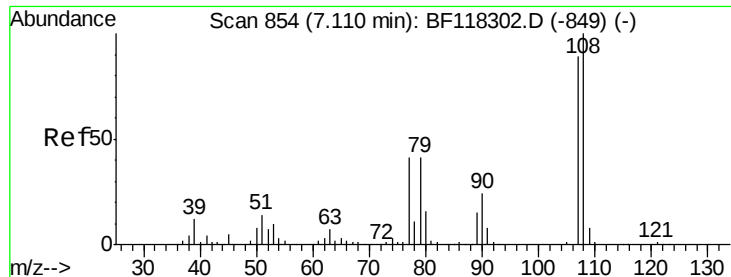
Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Tgt Ion:	45	Resp:	383799
Ion Ratio	Lower	Upper	
45	100		
77	29.8	1.2	41.2
79	25.2	0.0	37.0





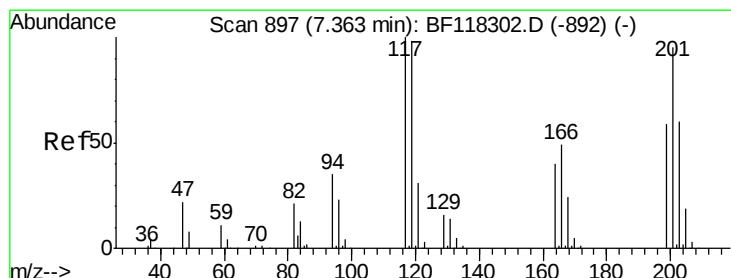
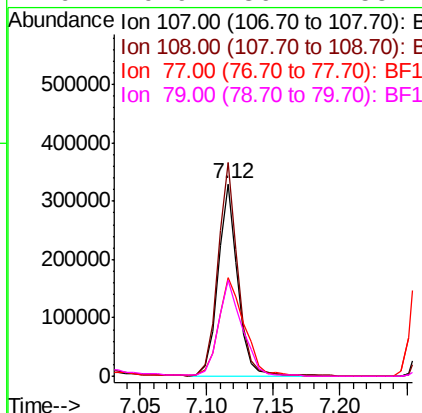
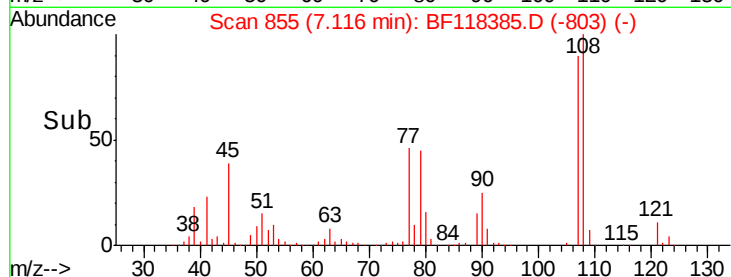
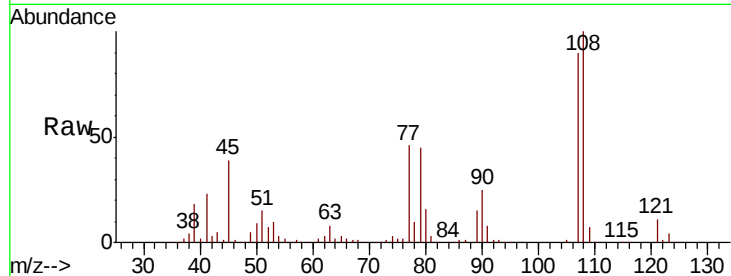
#17
2-Methylphenol
Concen: 45.394 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	89.7	134.5	
77	51.0	37.2	55.8	
79	49.9	36.7	55.1	

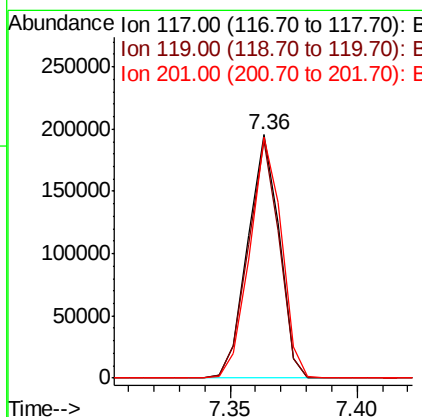
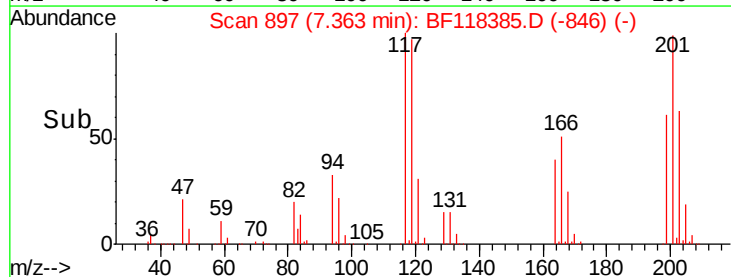
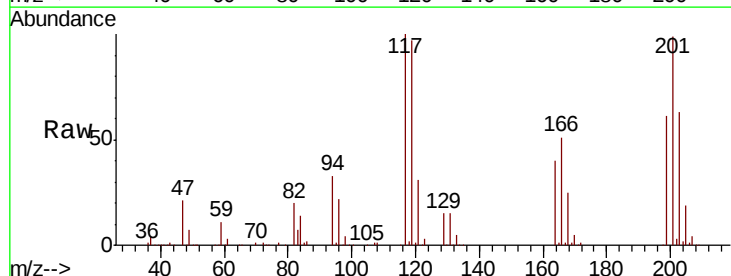
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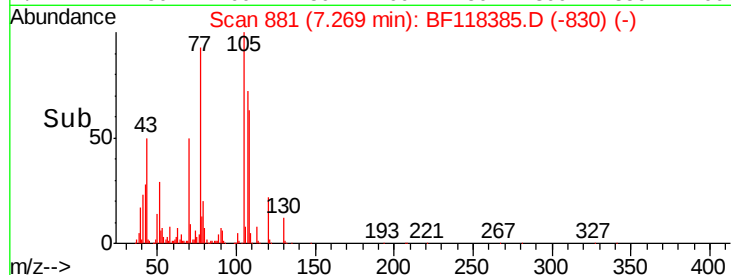
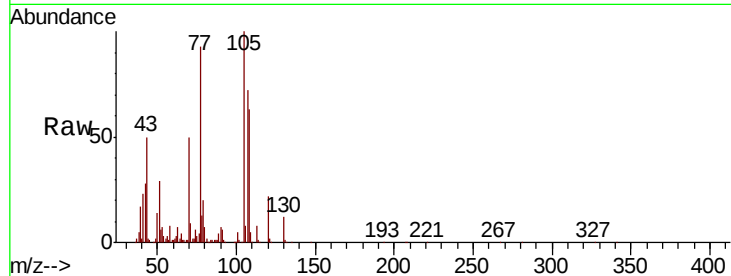
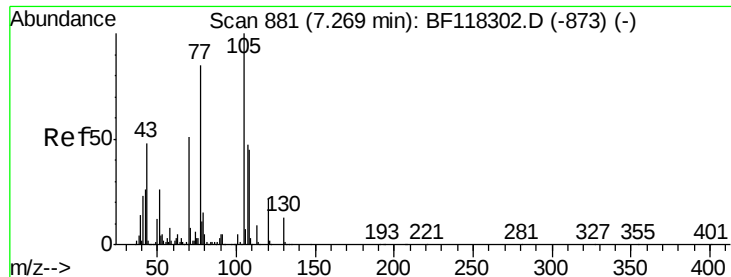
mohammad
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#18
Hexachloroethane
Concen: 42.184 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	78.0	117.0	
201	99.1	76.2	114.2	





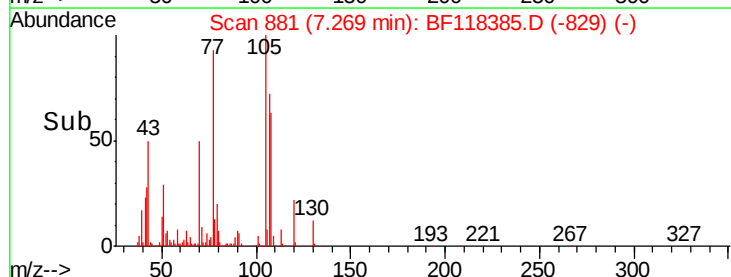
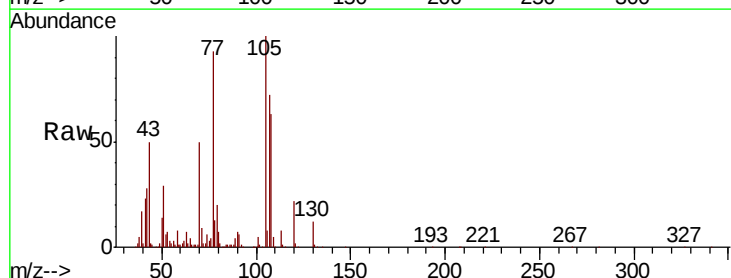
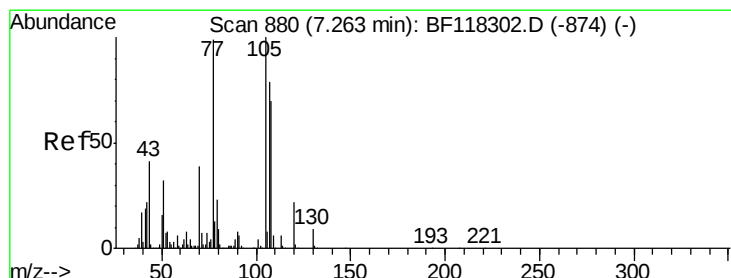
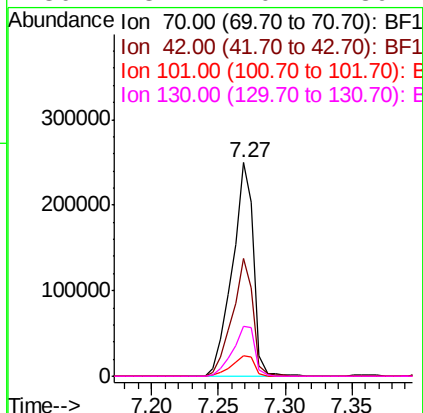
#19
n-Nitroso-di-n-propylamine
Concen: 44.166 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.0	41.1	61.7
101	9.8	8.3	12.5
130	23.2	20.1	30.1

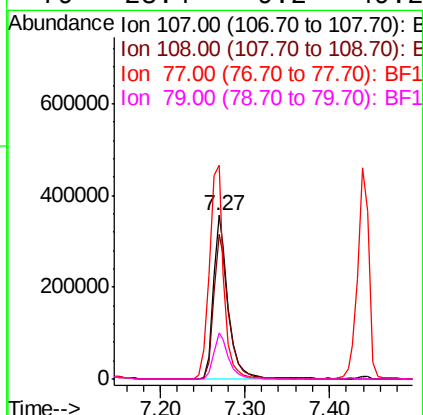
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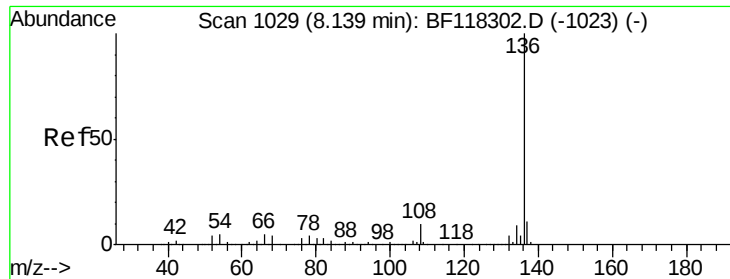
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#20
3+4-Methylphenols
Concen: 45.719 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	69.3	109.3
77	130.6	105.9	145.9
79	28.4	9.2	49.2





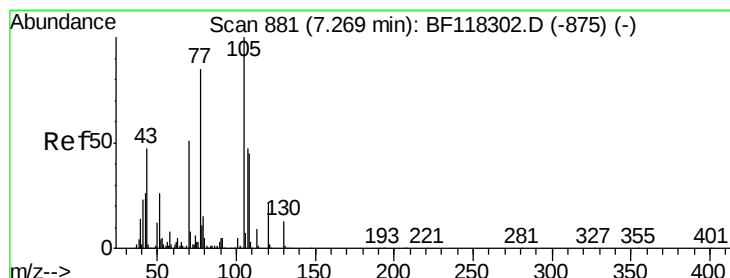
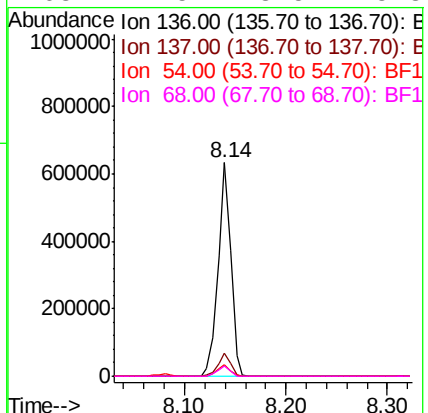
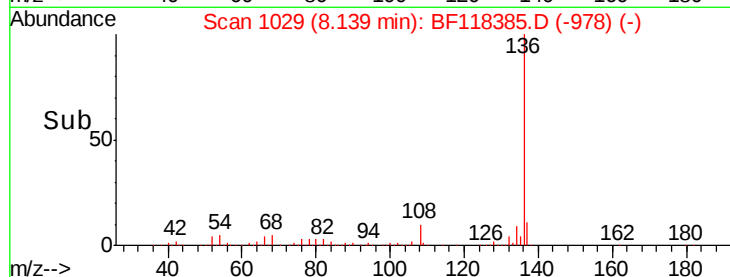
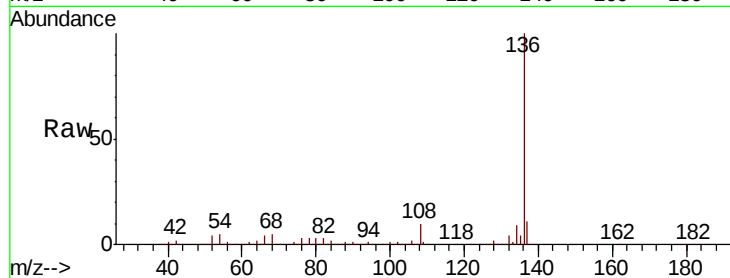
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	5.2	4.2	6.4	
68	4.5	3.5	5.3	

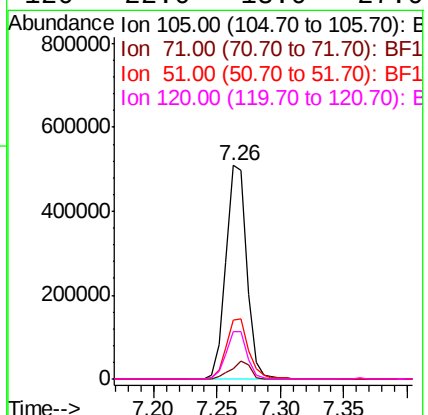
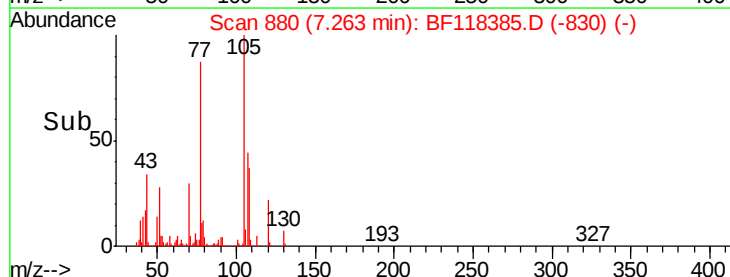
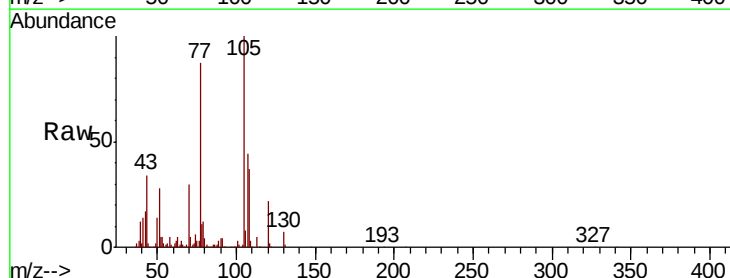
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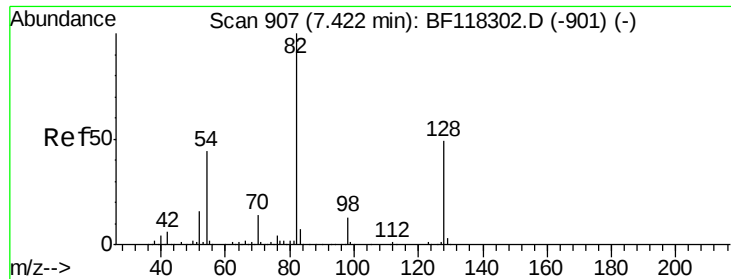
mohammad
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#22
Acetophenone
Concen: 42.382 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.1	6.6	9.8#	
51	27.9	20.6	30.8	
120	22.0	18.0	27.0	





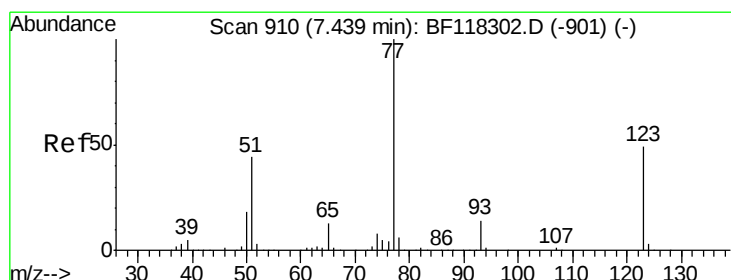
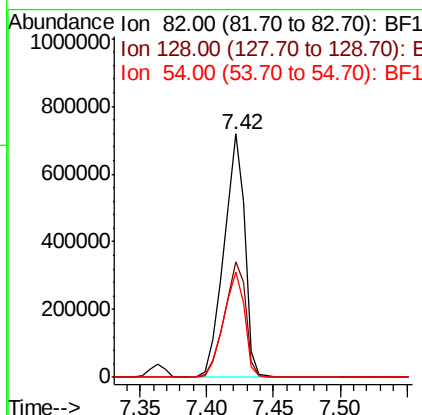
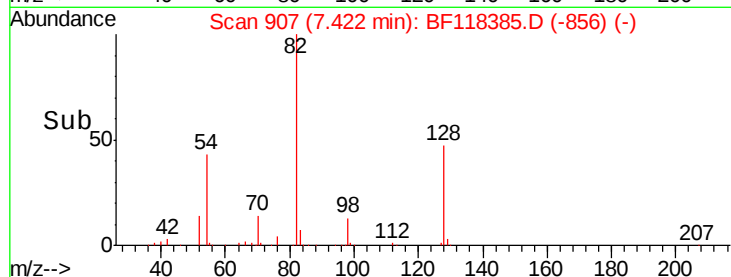
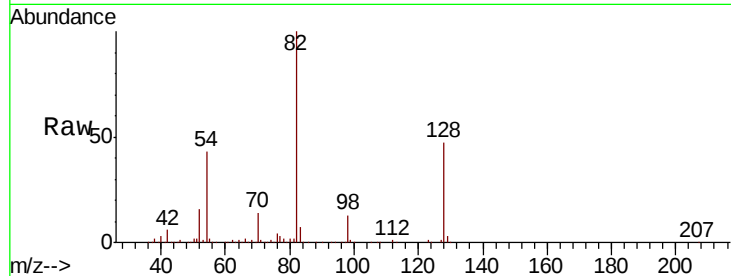
#23
Nitrobenzene-d5
Concen: 81.406 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	794090		
128	47.4	39.6	59.4	
54	43.4	34.9	52.3	

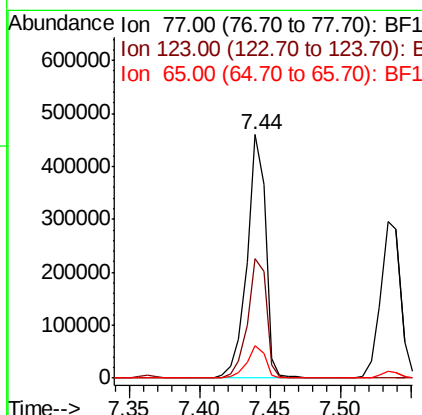
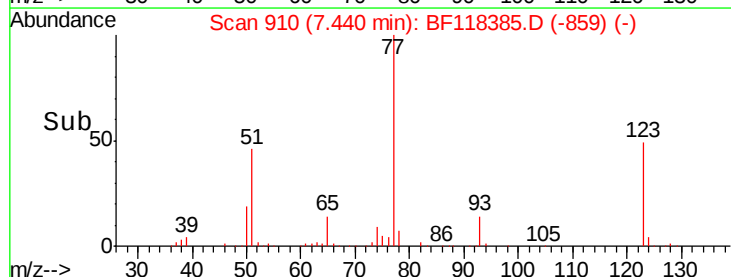
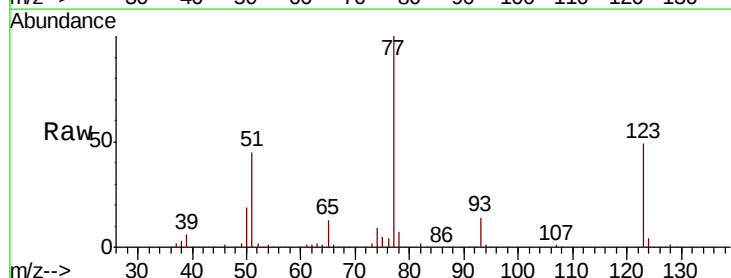
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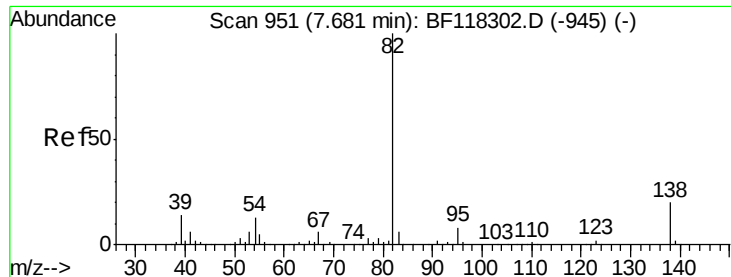
mohammad
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#24
Nitrobenzene
Concen: 43.008 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	420250		
123	49.2	39.1	58.7	
65	13.2	10.6	16.0	





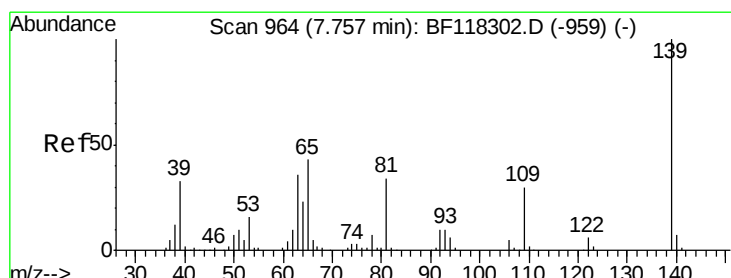
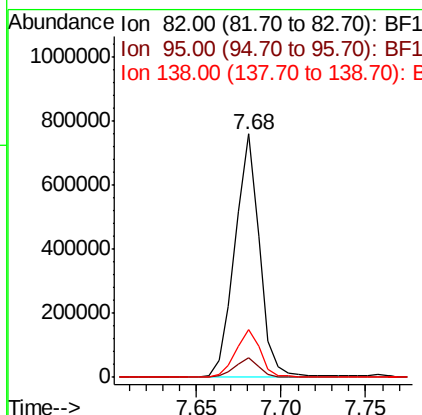
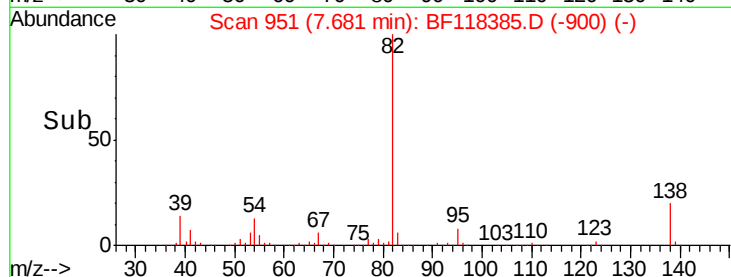
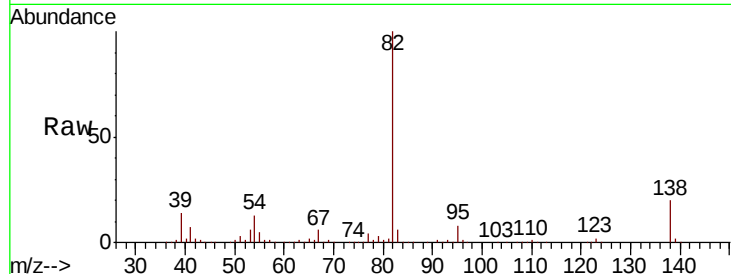
#25
Isophorone
Concen: 45.414 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	772056		
95	8.0		6.3	9.5
138	19.6		16.2	24.2

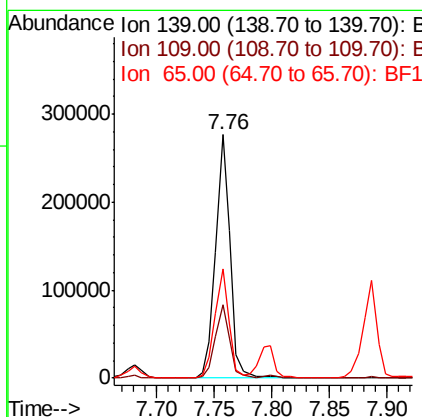
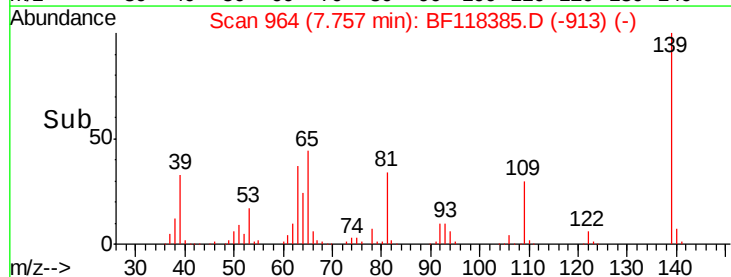
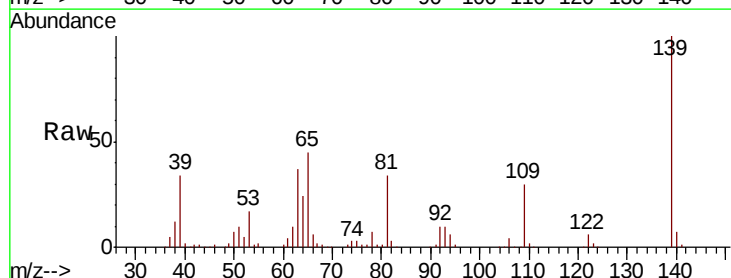
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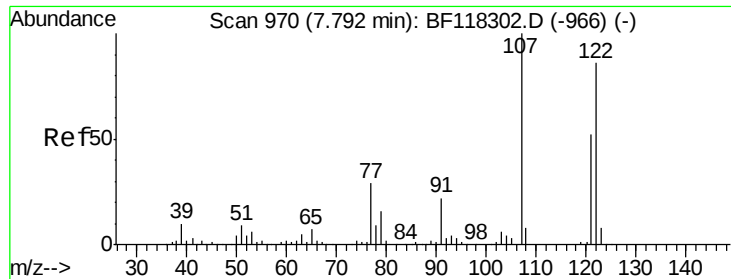
mohammad
12/31/2019 12:04:02 PM



#26
2-Nitrophenol
Concen: 46.645 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	241419		
109	30.0		24.1	36.1
65	44.7		34.6	52.0





#27

2,4-Dimethylphenol

Concen: 53.377 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

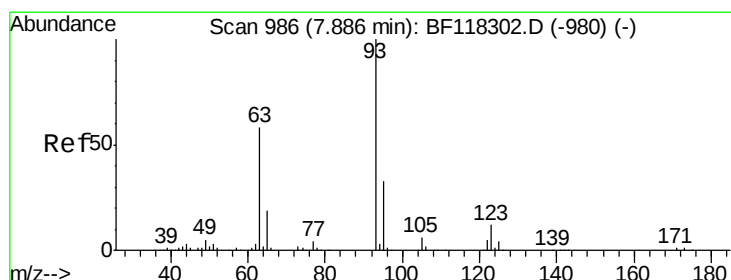
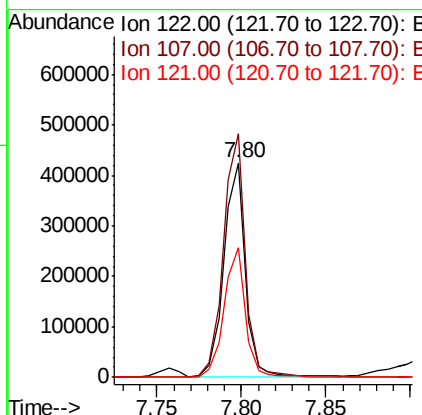
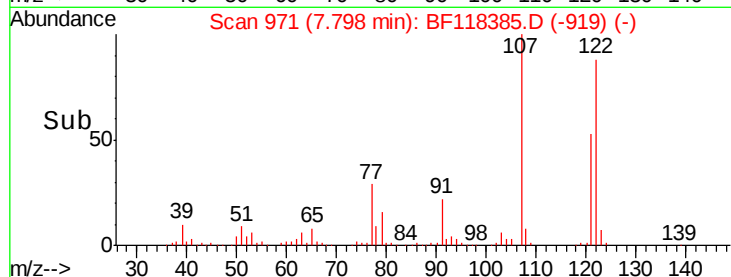
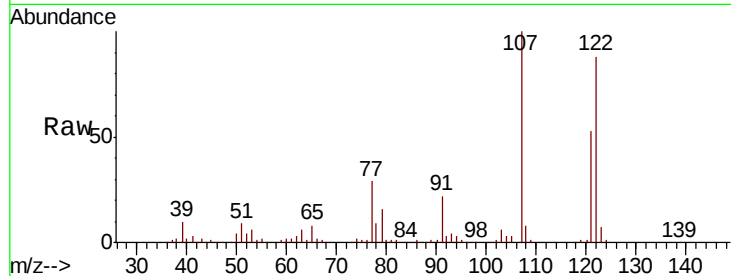
ClientSampleId :

SB-04MS

Tot Ion:	122	Resp:	376929
Ion Ratio	Lower	Upper	
122	100		
107	113.4	92.9	139.3
121	60.2	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 43.495 ng

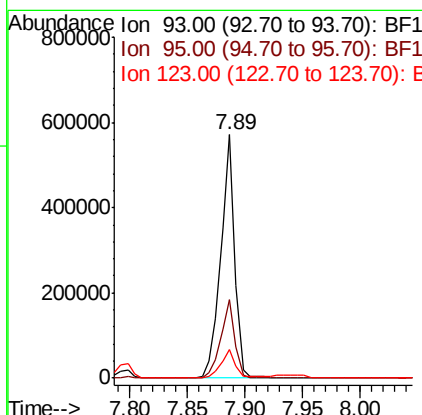
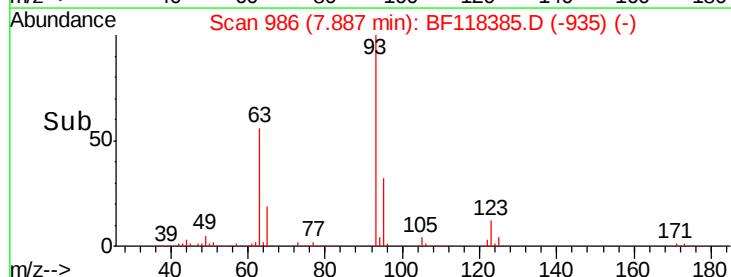
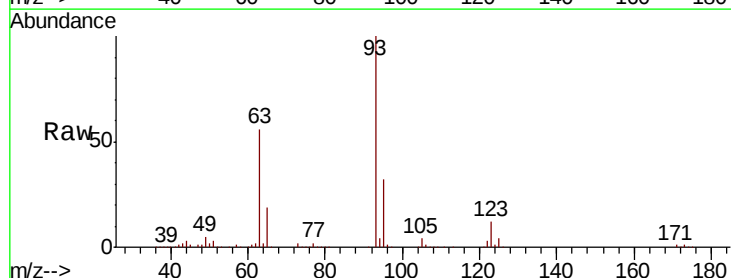
RT: 7.89 min Scan# 986

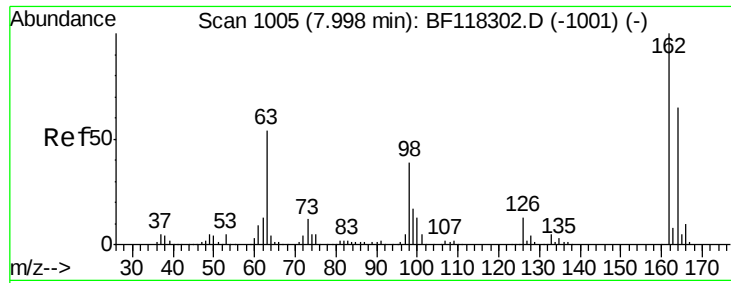
Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Tgt Ion:	93	Resp:	483582
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.2	39.4
123	11.8	9.8	14.8





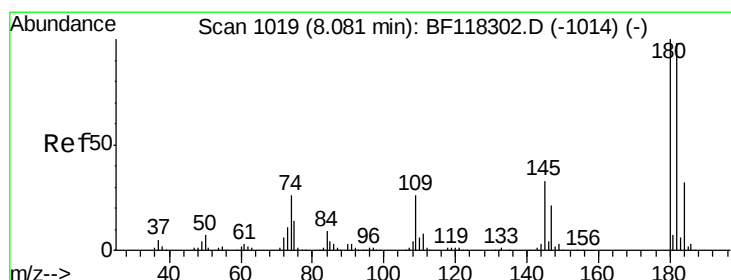
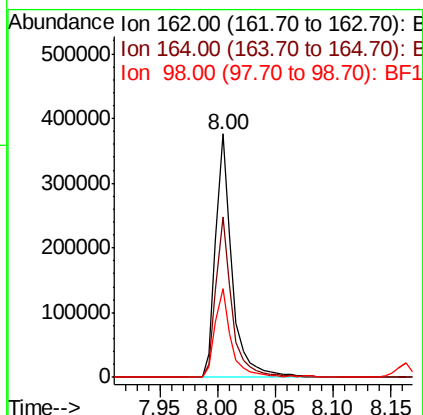
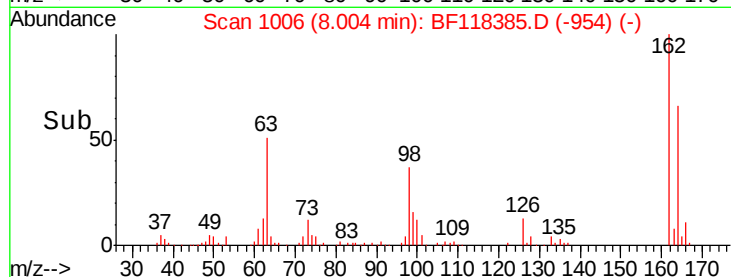
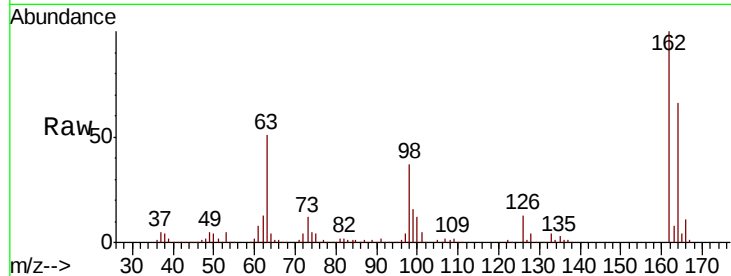
#29
2,4-Dichlorophenol
Concen: 45.609 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampled :
SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	370707		
164	65.6	45.1	85.1	
98	36.6	18.6	58.6	

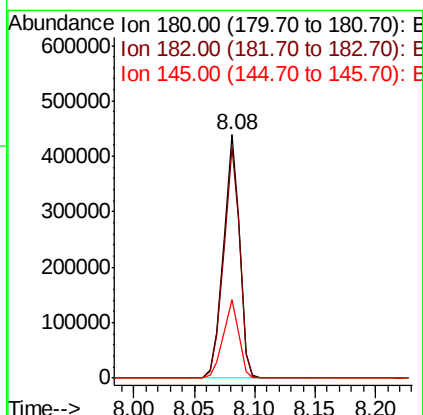
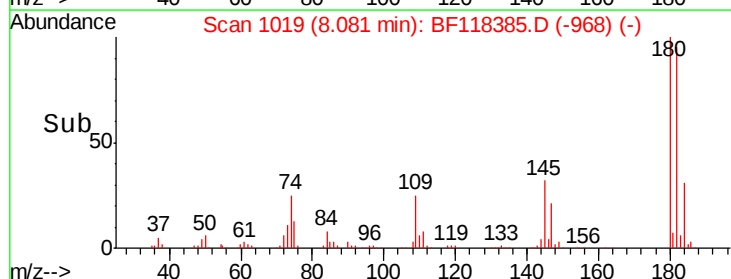
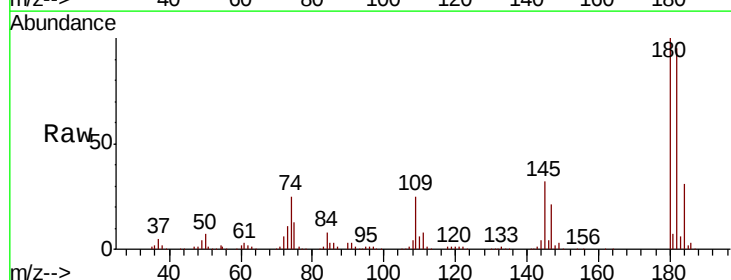
Manual Integrations
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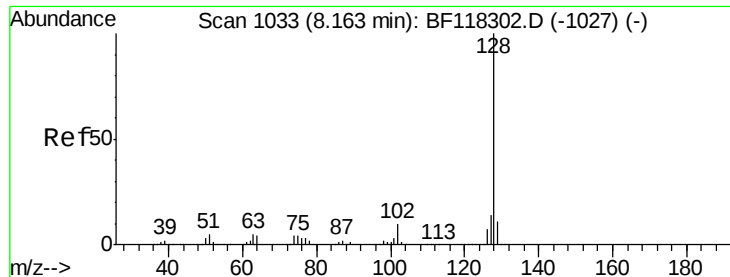
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#30
1,2,4-Trichlorobenzene
Concen: 42.572 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	403072		
182	94.9	78.3	117.5	
145	32.1	26.7	40.1	





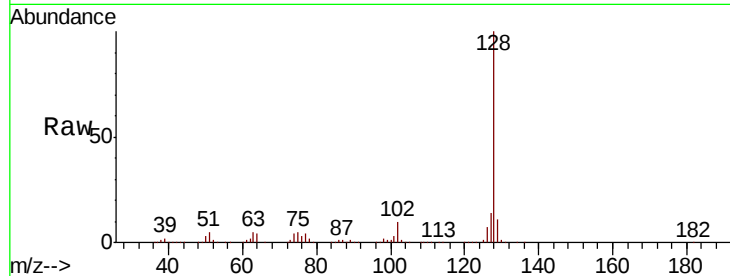
#31
Naphthalene
Concen: 44.294 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.7	11.0	16.4

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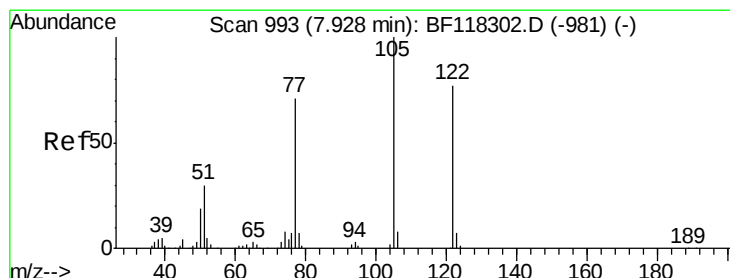
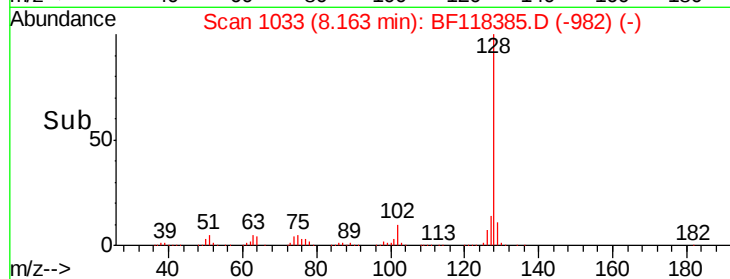
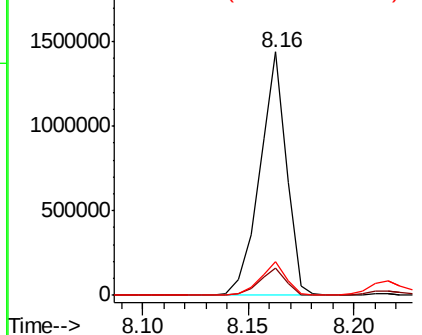


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 41.233 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.02 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

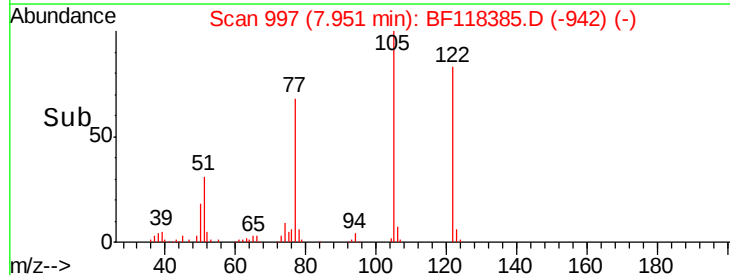
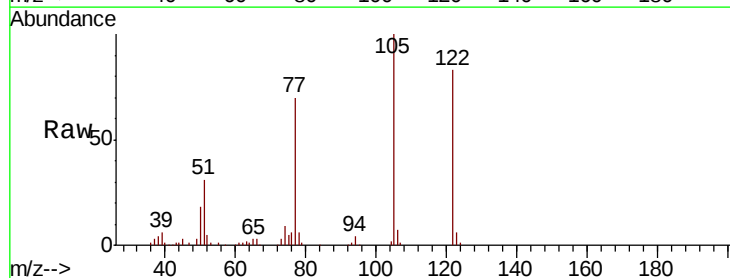
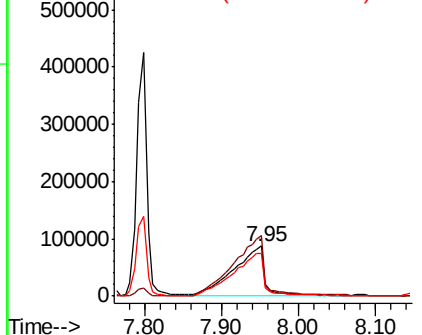
Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.4	106.8	146.8
77	83.9	70.4	110.4

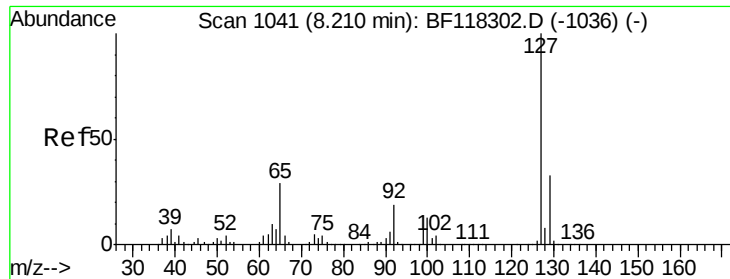
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





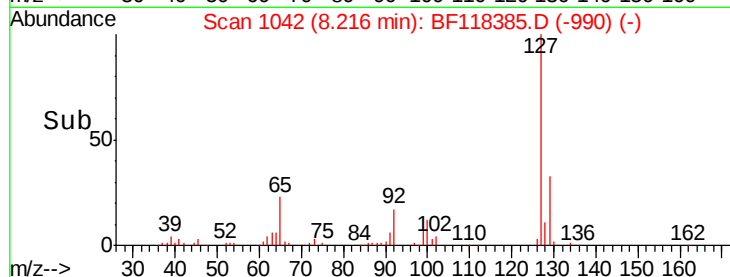
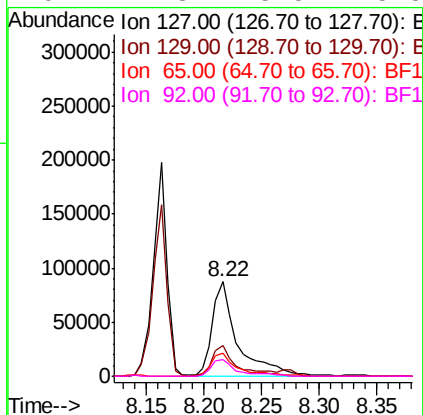
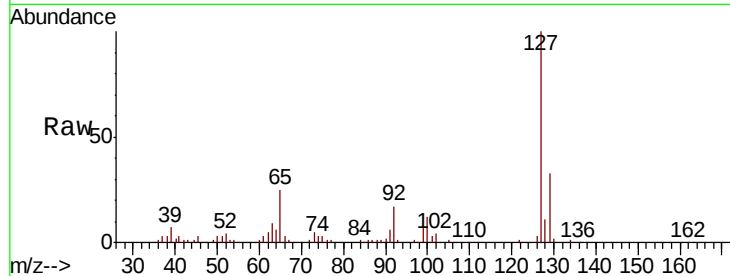
#33
4-Chloroaniline
Concen: 10.954 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.5	39.7		
65	24.9	22.8	34.2		
92	17.3	15.5	23.3		

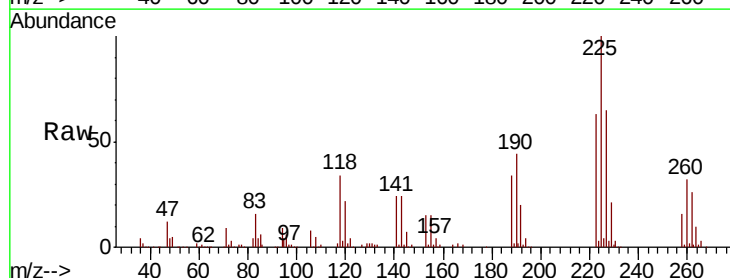
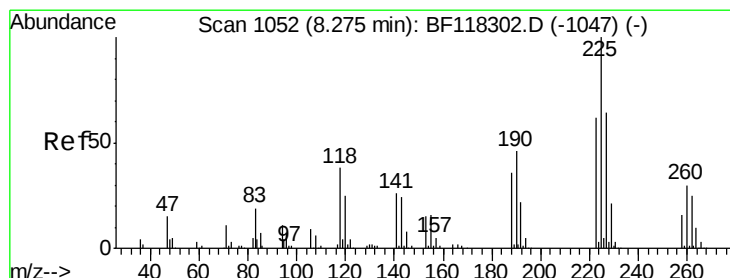
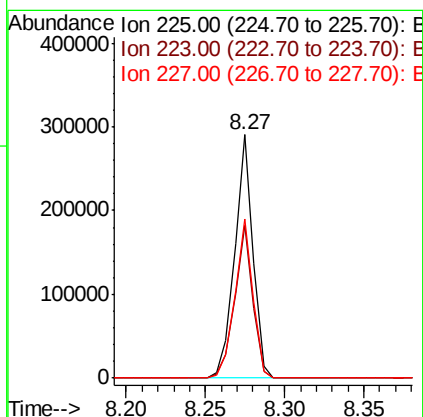
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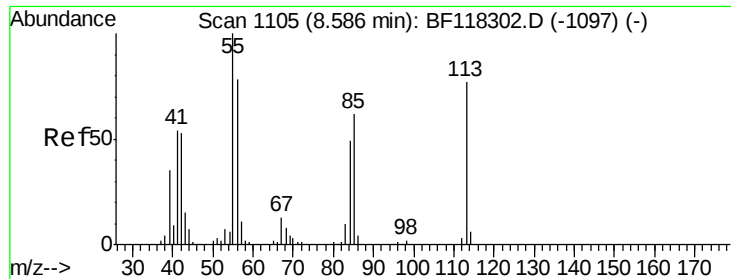
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#34
Hexachlorobutadiene
Concen: 41.182 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	49.5	74.3		
227	65.2	51.0	76.4		





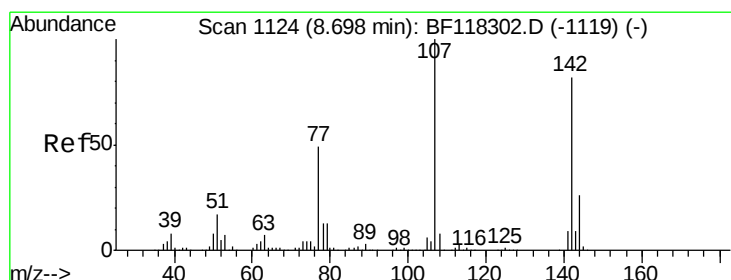
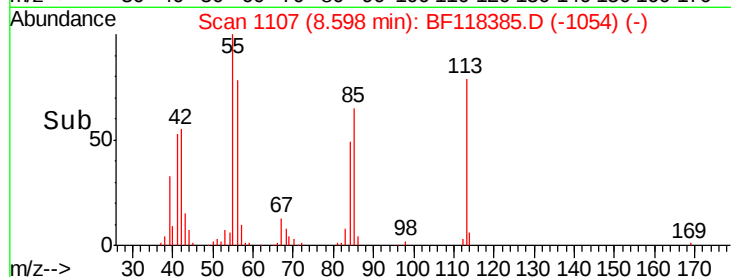
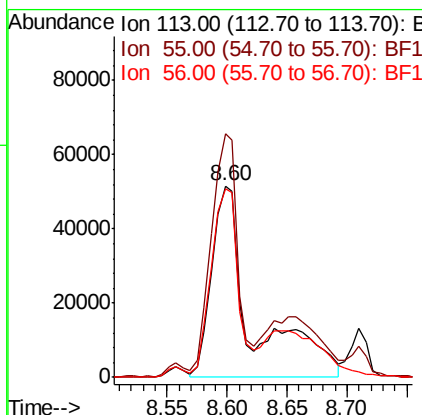
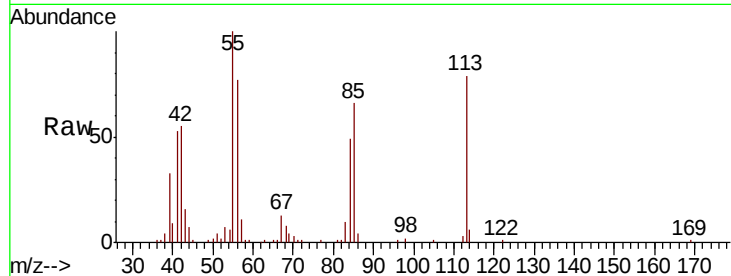
#35
Caprolactam
Concen: 47.644 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	127.3	109.8	149.8
56	98.4	81.7	121.7

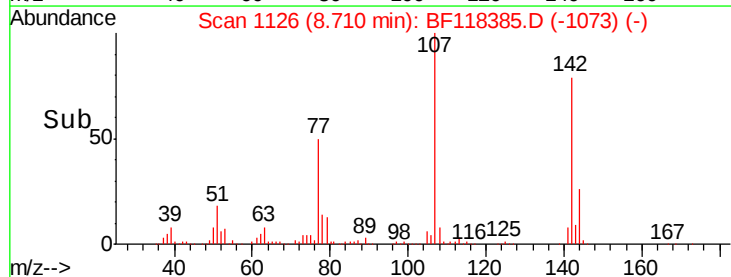
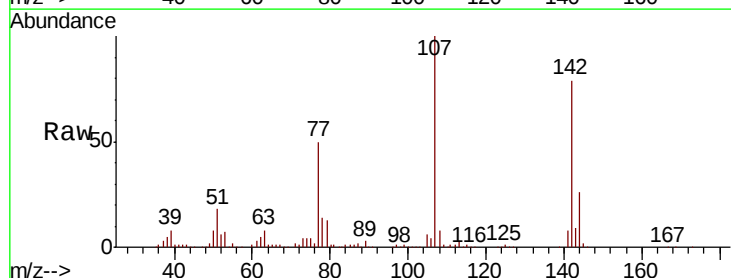
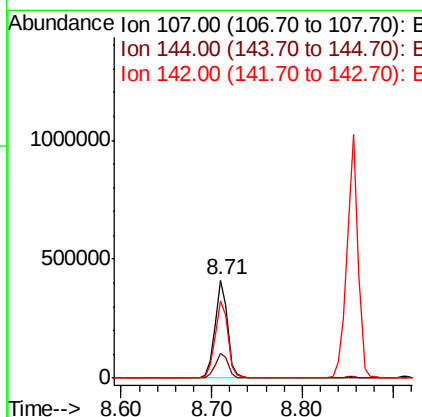
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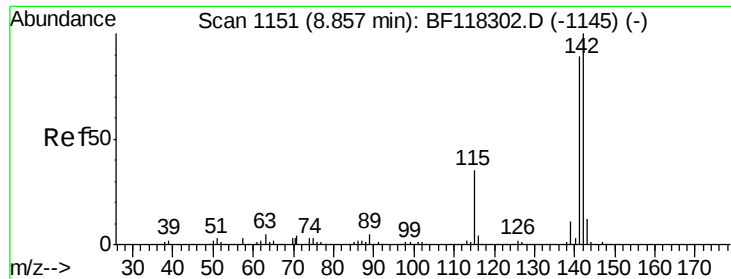
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#36
4-Chloro-3-methylphenol
Concen: 45.921 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	21.2	31.8
142	78.8	65.4	98.2





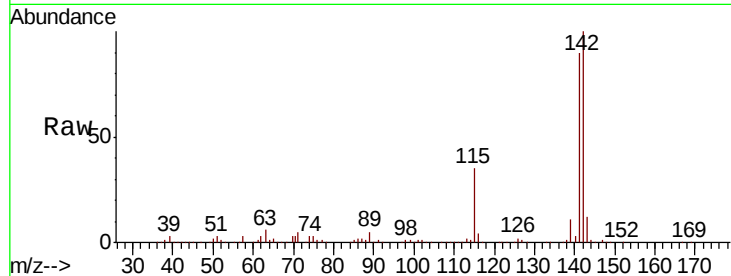
#37
2-Methylnaphthalene
Concen: 45.387 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.2	106.8
115	35.1	28.0	42.0

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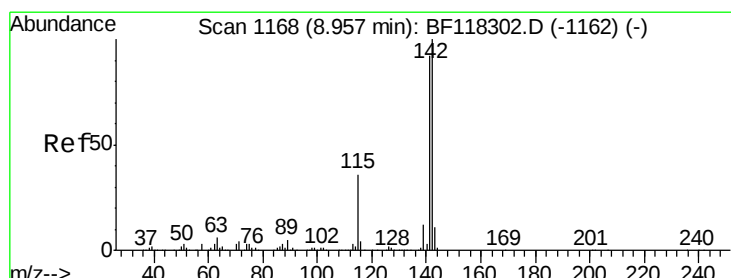
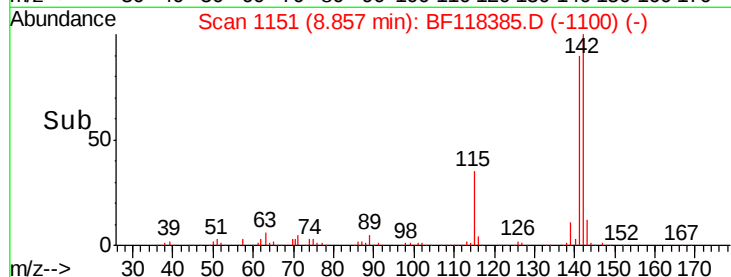
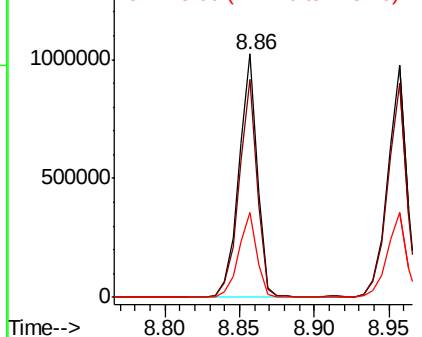


Abundance

Ion 142.00 (141.70 to 142.70): E

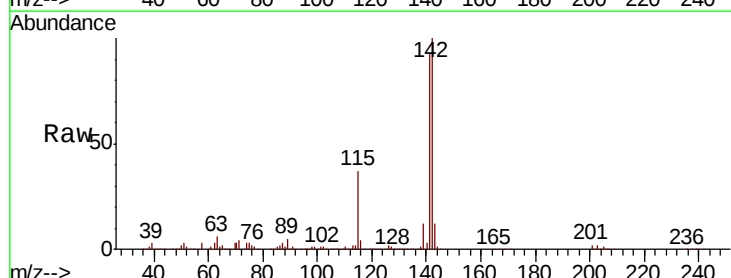
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.521 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.4	110.2
116	3.7	2.9	4.3

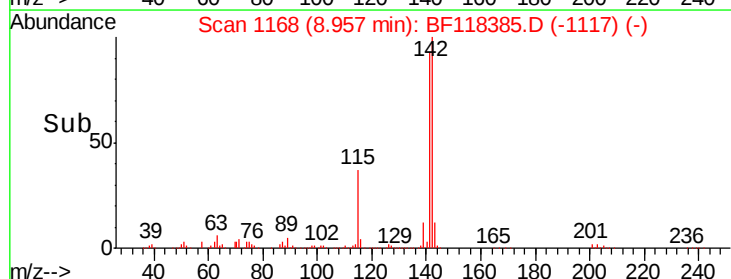
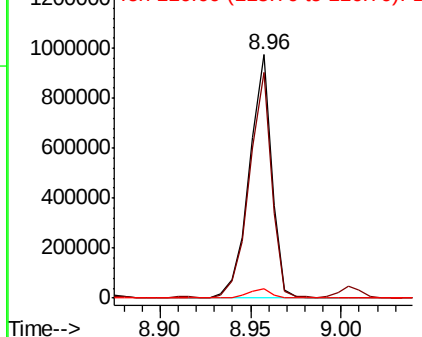


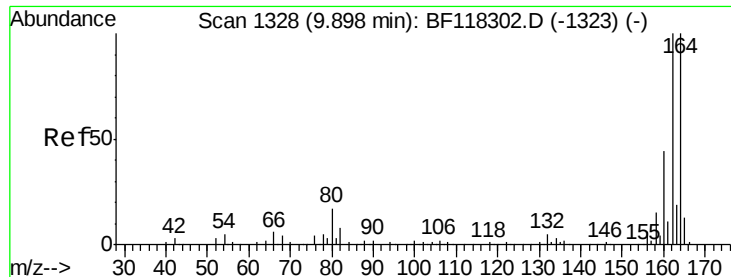
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





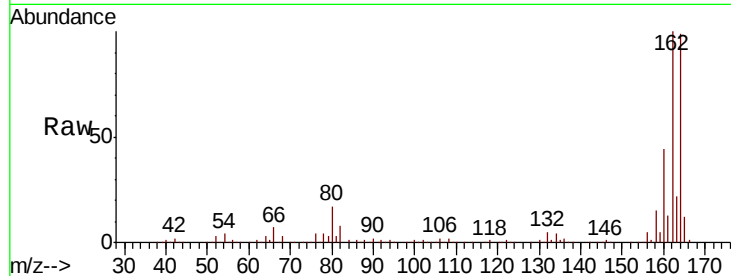
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.0	120.0
160	44.1	34.8	52.2

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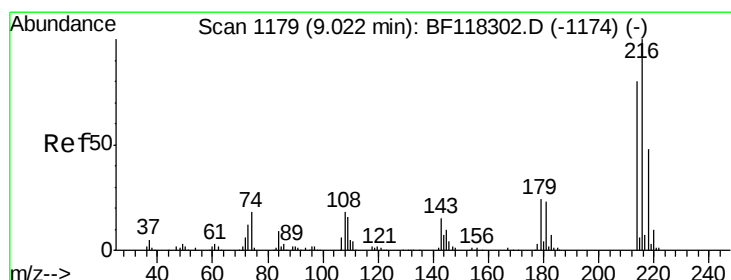
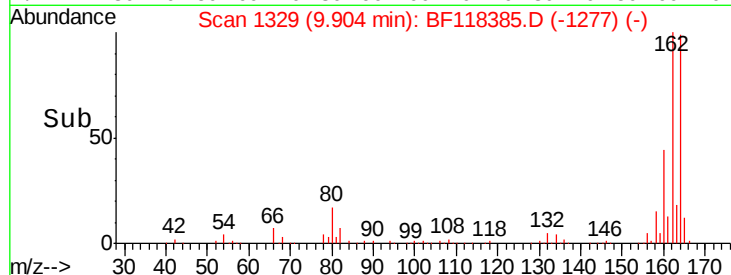
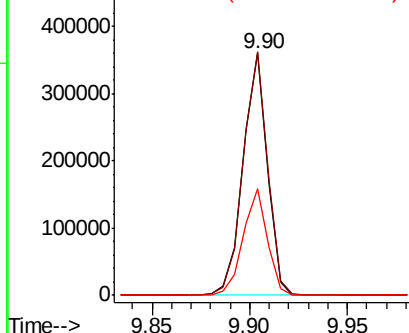


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.366 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.3	94.9
179	22.8	18.9	28.3
108	20.2	15.0	22.6

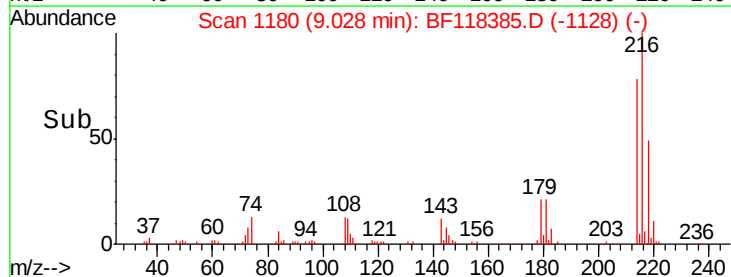
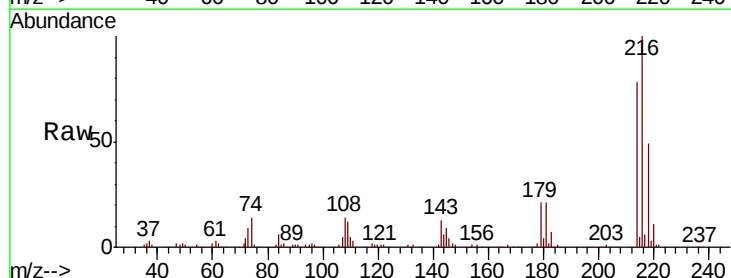
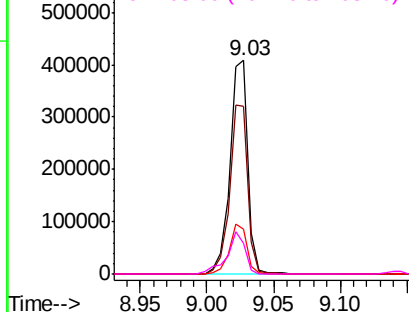
Abundance

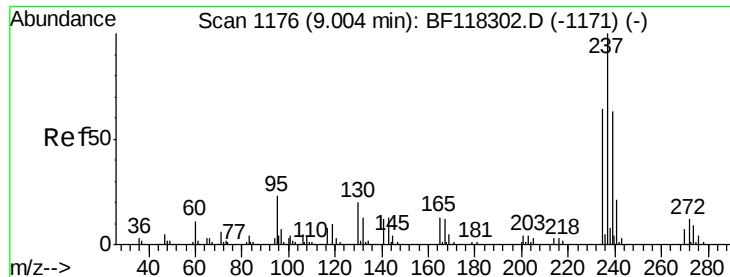
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





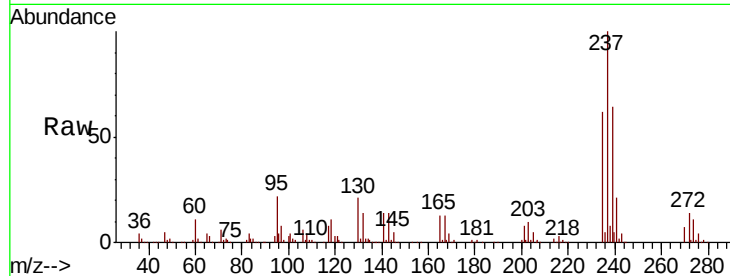
#41
Hexachlorocyclopentadiene
Concen: 76.102 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

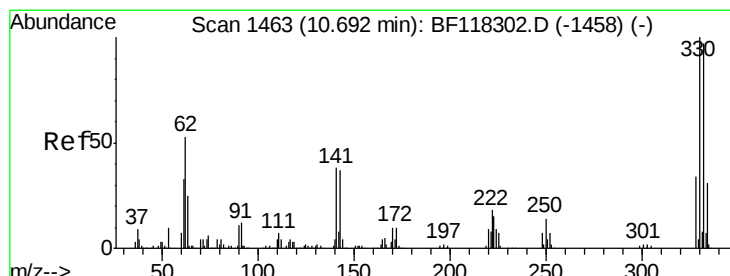
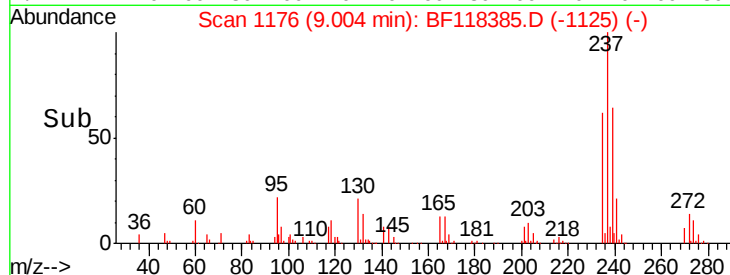
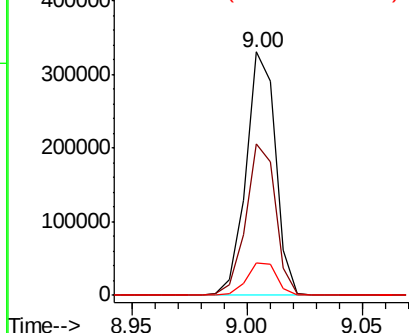
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.0	43.8	83.8
272	13.5	0.0	31.7

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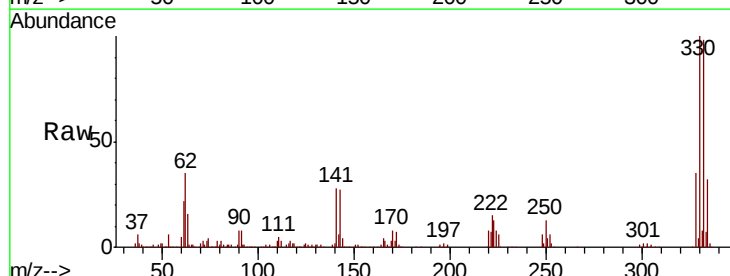


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

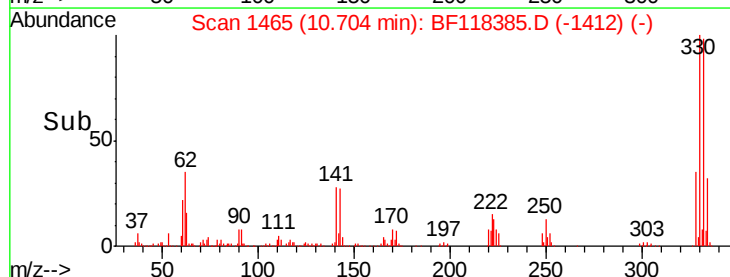
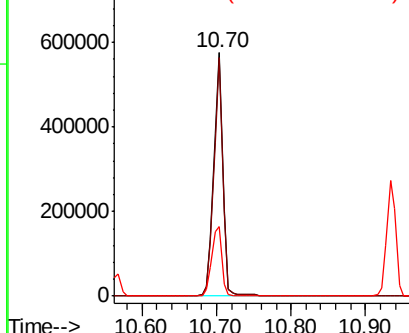


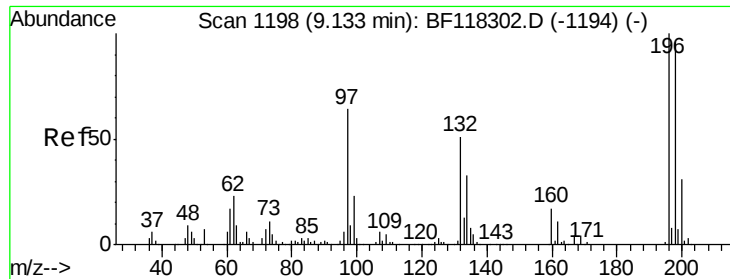
#42
2,4,6-Tribromophenol
Concen: 128.503 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.0	76.6	114.8
141	31.7	26.0	39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





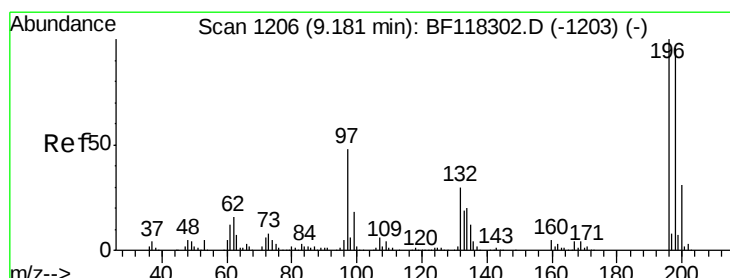
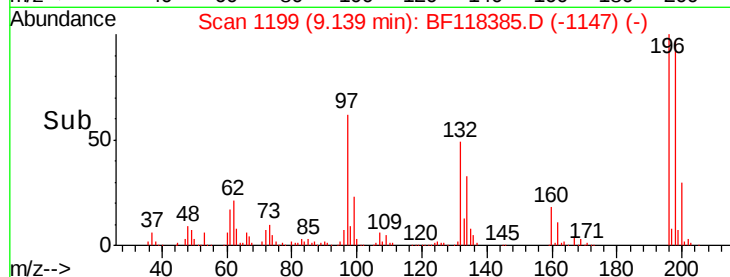
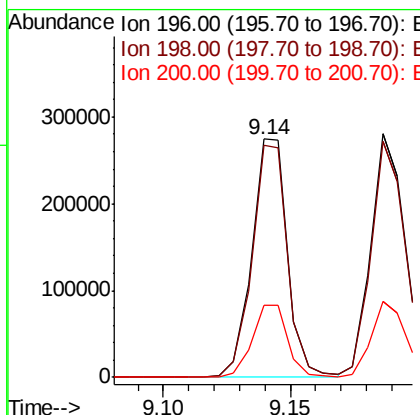
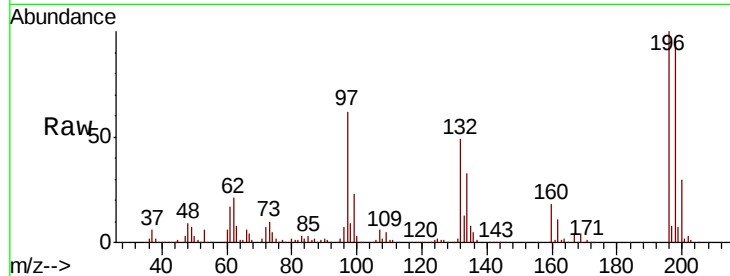
#43
 2,4,6-Trichlorophenol
 Concen: 43.126 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	268132		
198	97.2	76.7	115.1	
200	30.4	24.8	37.2	

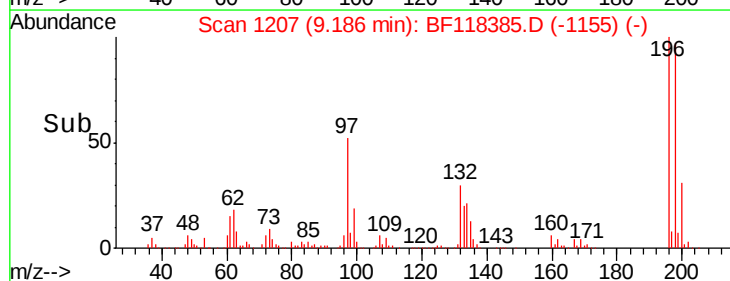
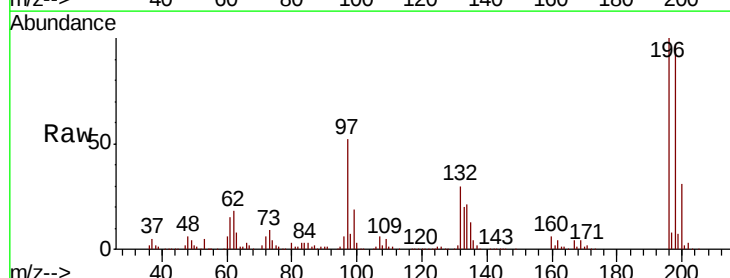
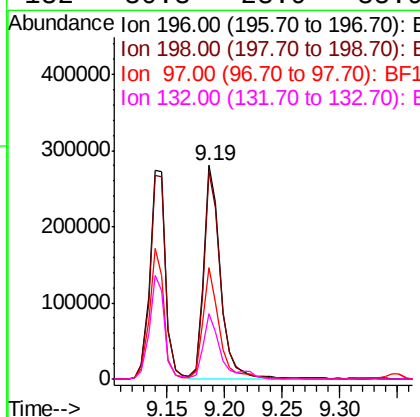
Manual Integrations
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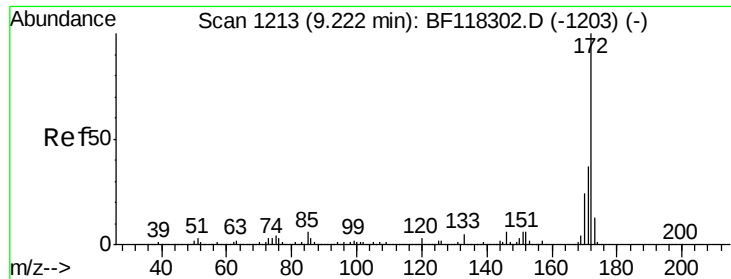
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#44
 2,4,5-Trichlorophenol
 Concen: 44.764 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	286305		
198	96.8	77.0	115.4	
97	51.9	38.9	58.3	
132	30.3	23.9	35.9	





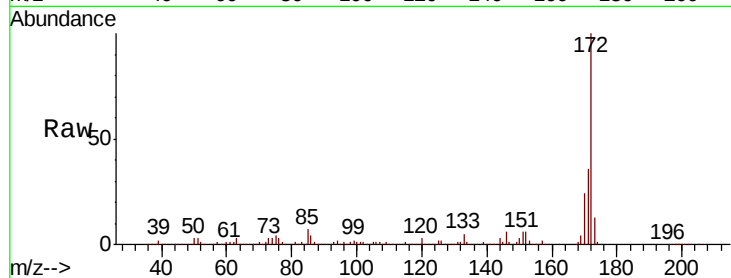
#45
2-Fluorobiphenyl
Concen: 82.204 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleID :
SB-04MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.3	43.9
170	23.9	19.2	28.8

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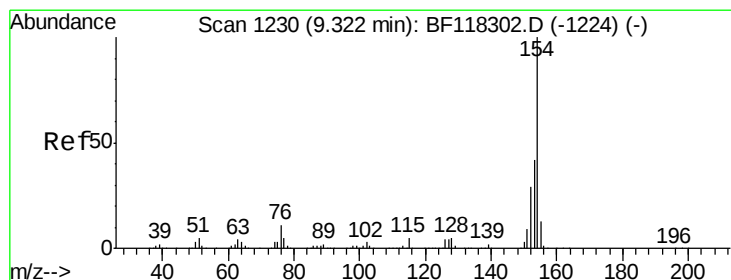
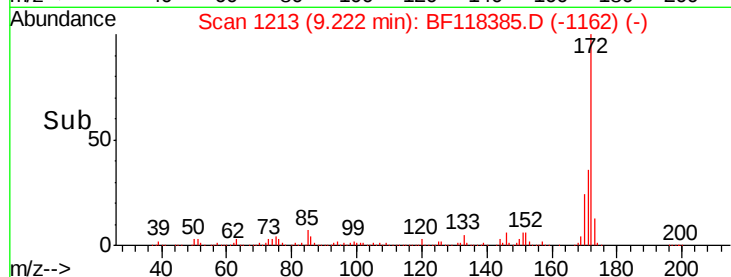
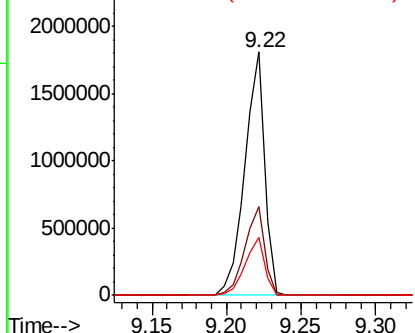


Abundance

Ion 172.00 (171.70 to 172.70): E

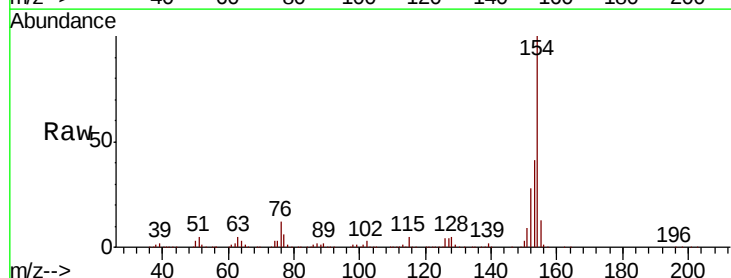
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.988 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.8	61.8
76	11.6	0.0	30.9

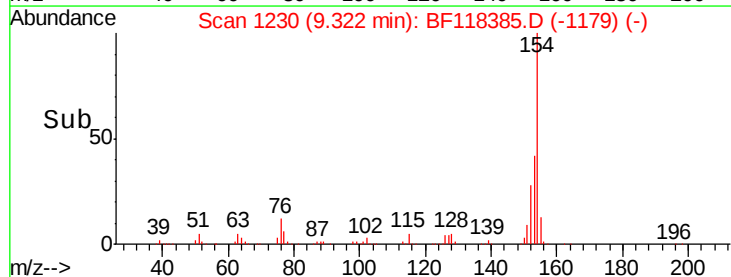
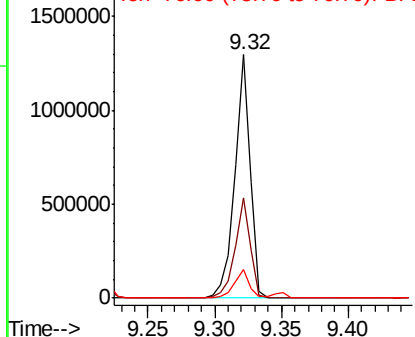


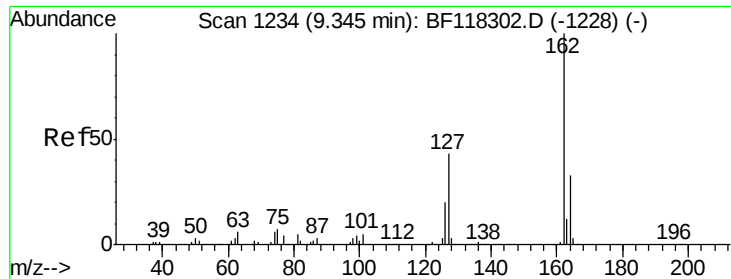
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





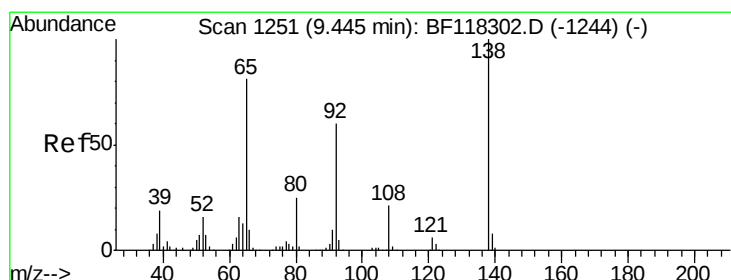
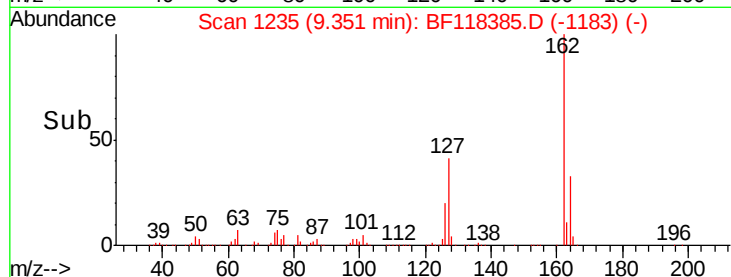
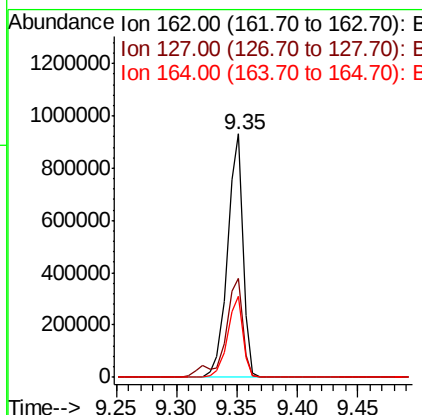
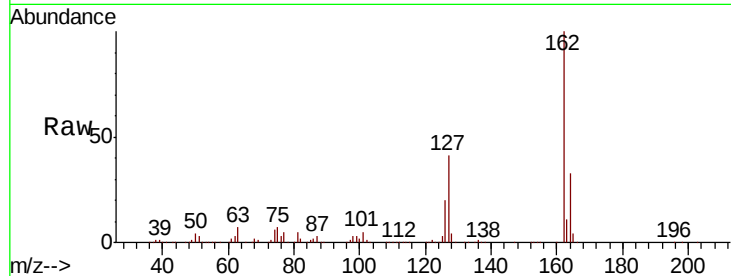
#47
 2-Chloronaphthalene
 Concen: 41.941 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	35.0	52.4
164	33.5	26.6	40.0

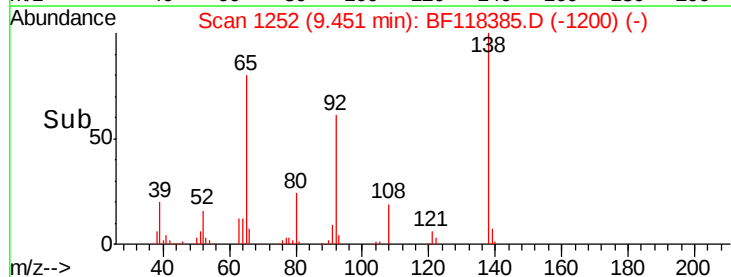
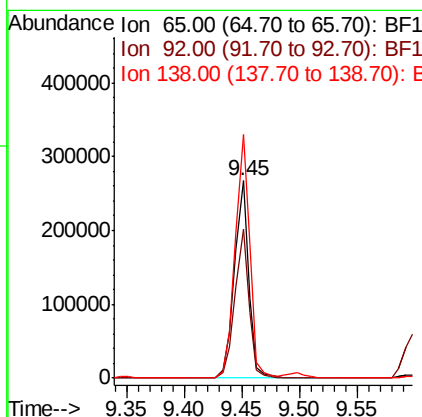
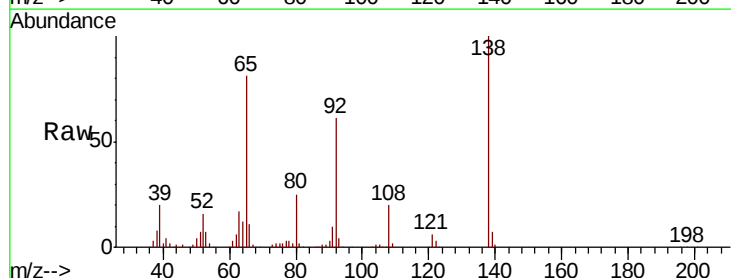
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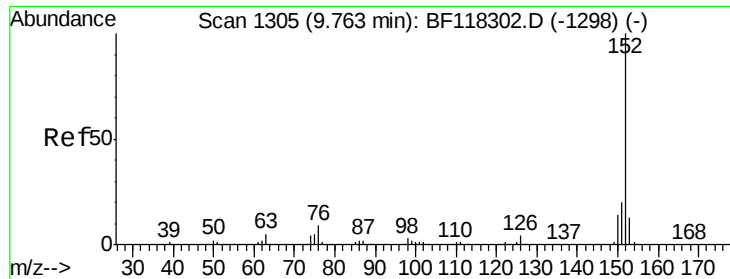
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#48
 2-Nitroaniline
 Concen: 41.470 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	58.7	88.1
138	123.6	98.5	147.7





#49

Acenaphthylene

Concen: 44.695 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

SB-04MS

Tot Ion:152 Resp: 1307028

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

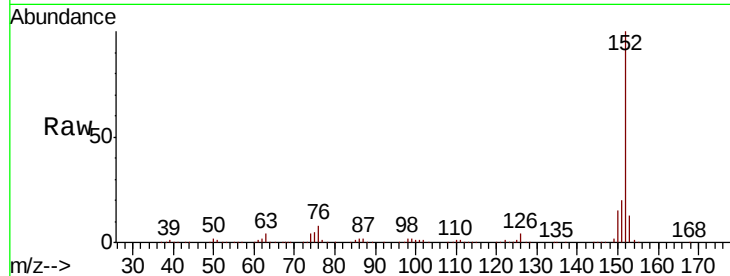
153 13.3 10.5 15.7

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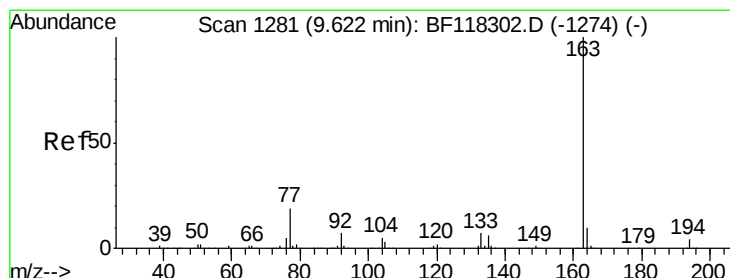
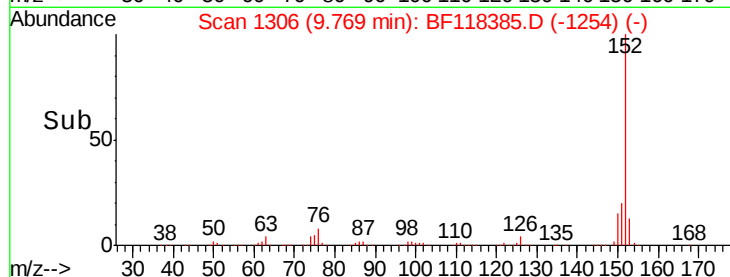
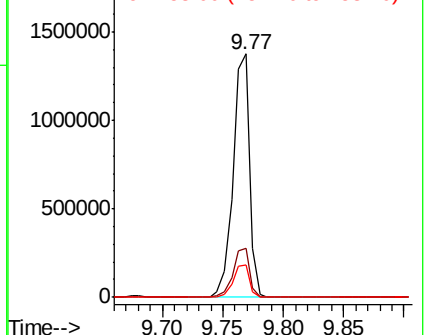
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.418 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

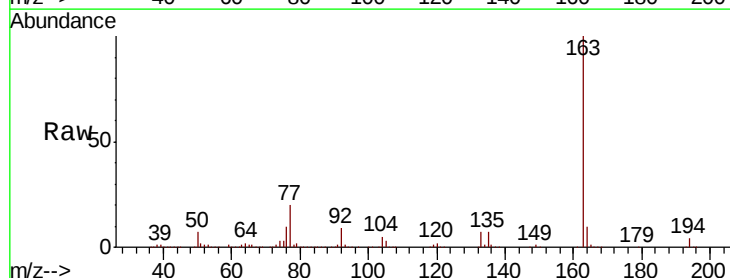
Tgt Ion:163 Resp: 1125738

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

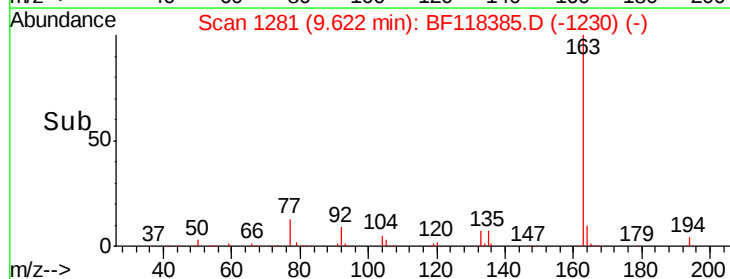
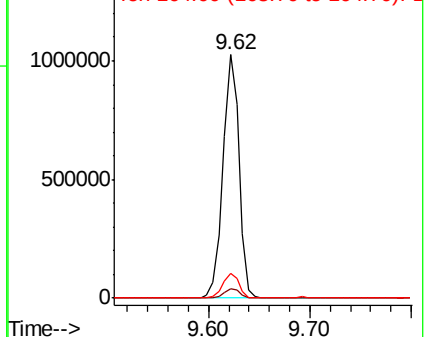
164 10.3 7.9 11.9

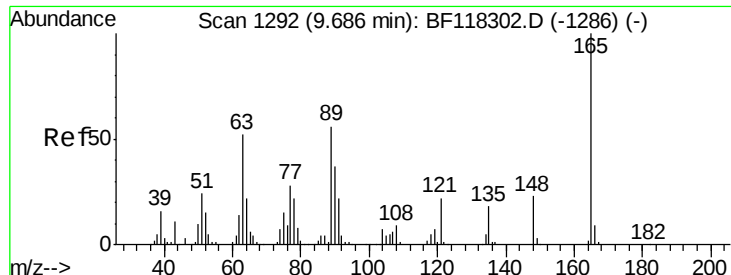


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





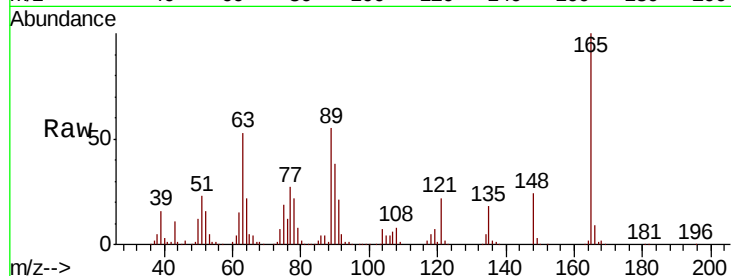
#51
2,6-Dinitrotoluene
Concen: 45.146 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampled :
SB-04MS

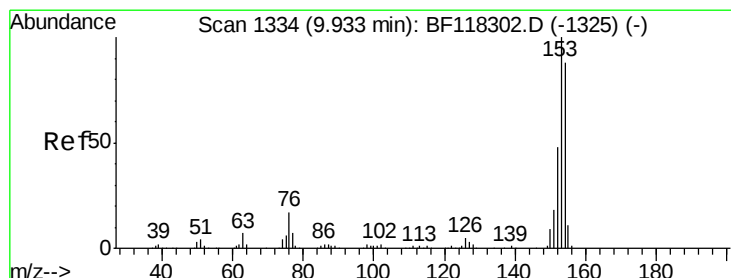
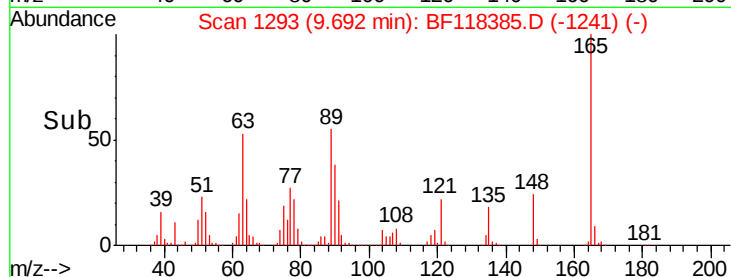
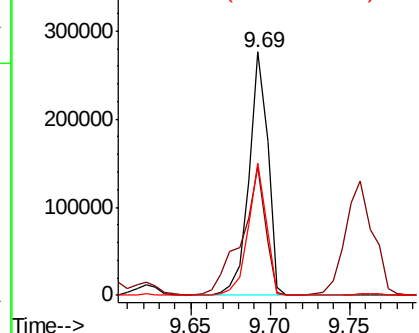
Tot Ion	Ratio	Resp	Lower	Upper
165	100	226300		
63	52.7		42.2	63.4
89	54.5		44.4	66.6

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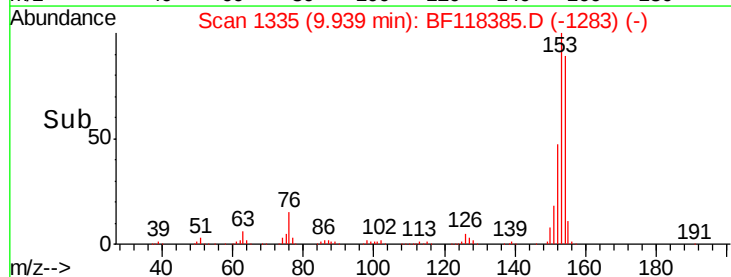
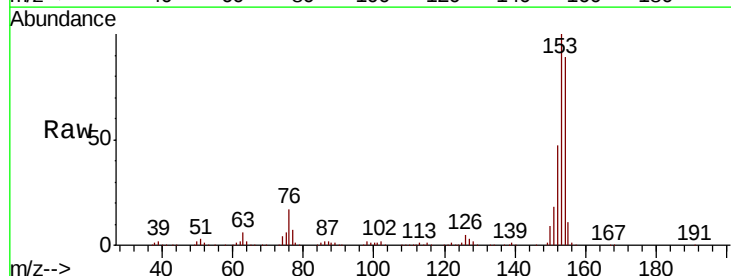
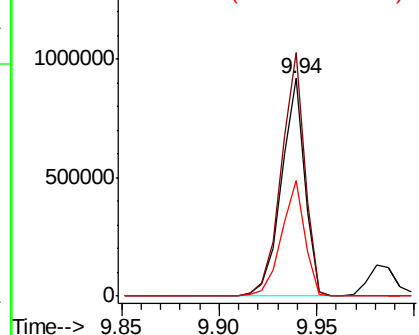
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

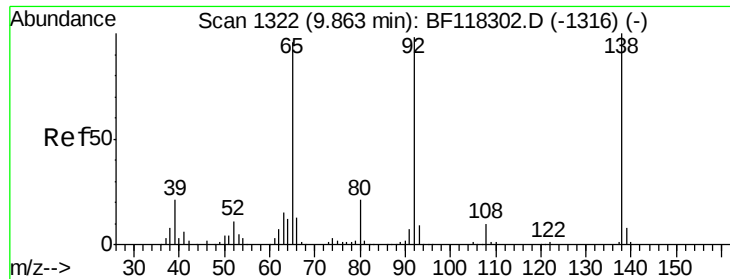


#52
Acenaphthene
Concen: 42.831 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	762918		
153	111.8		90.6	136.0
152	53.0		43.1	64.7

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





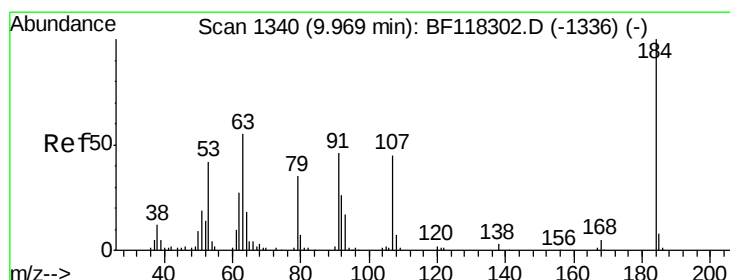
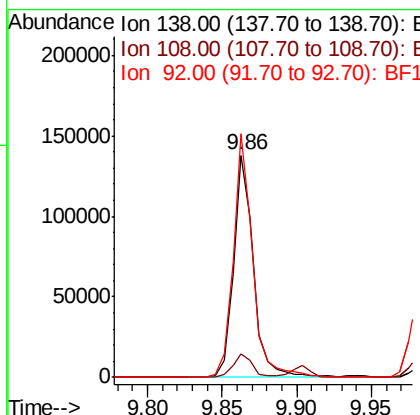
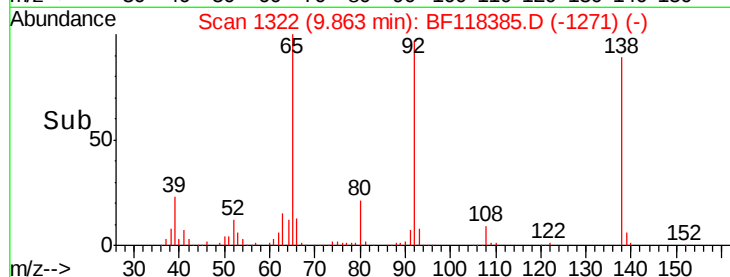
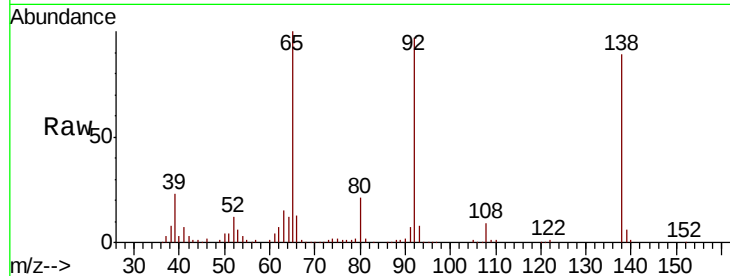
#53
3-Nitroaniline
Concen: 21.962 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.8	11.8
92	109.6	78.2	117.2

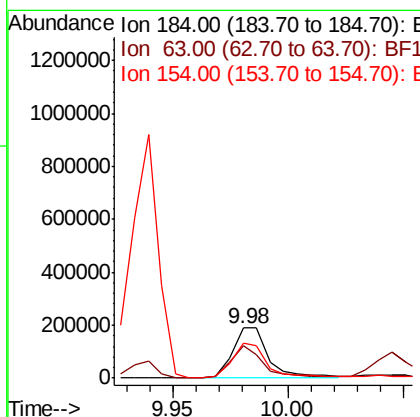
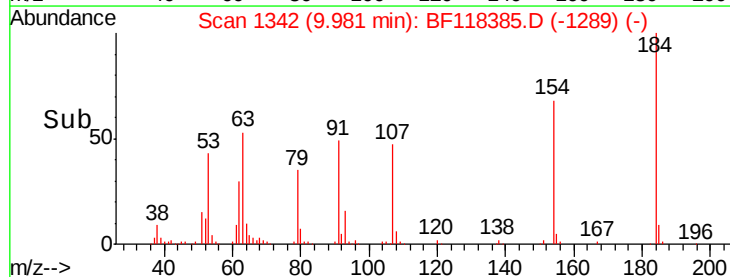
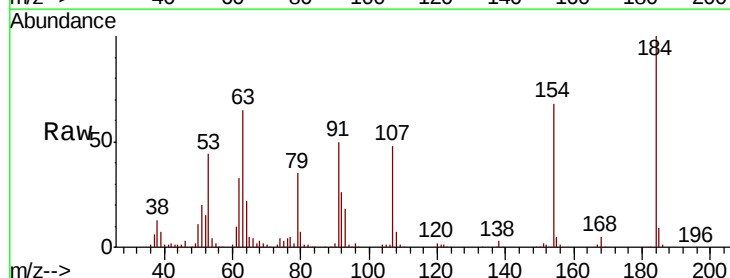
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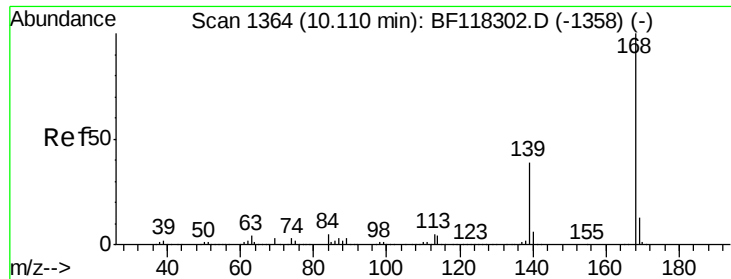
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#54
2,4-Dinitrophenol
Concen: 82.472 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.3	48.8	73.2
154	68.4	55.0	82.4





#55

Dibenzofuran

Concen: 43.981 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

SB-04MS

Tot Ion:168 Resp: 1157546

Ion Ratio Lower Upper

168 100

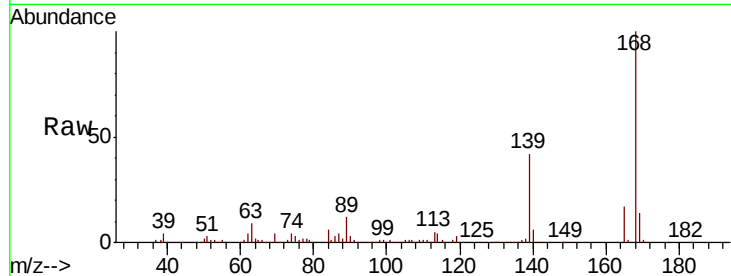
139 41.8 31.5 47.3

169 13.5 10.4 15.6

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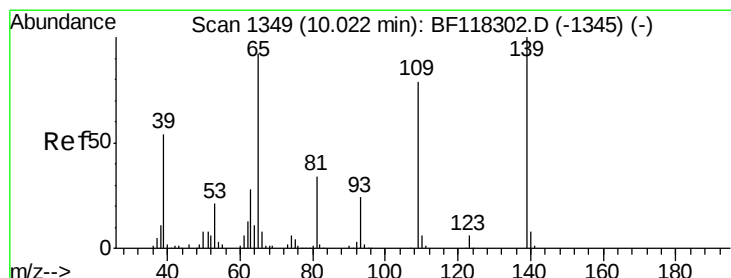
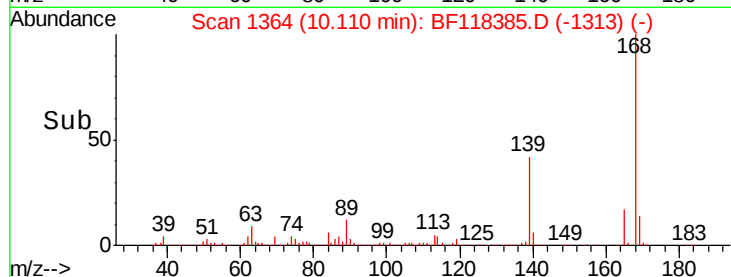
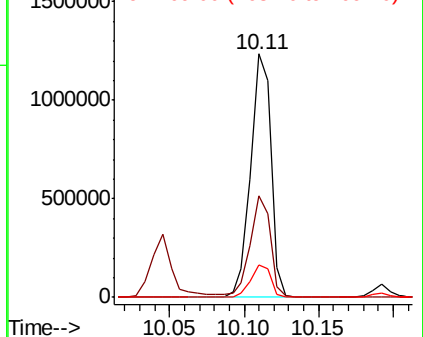
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 87.837 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.02 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

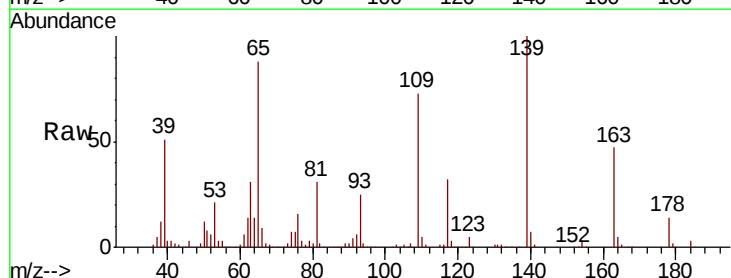
Tgt Ion:139 Resp: 319024

Ion Ratio Lower Upper

139 100

109 73.0 59.3 99.3

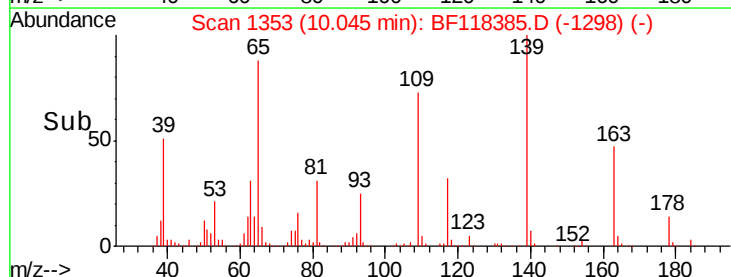
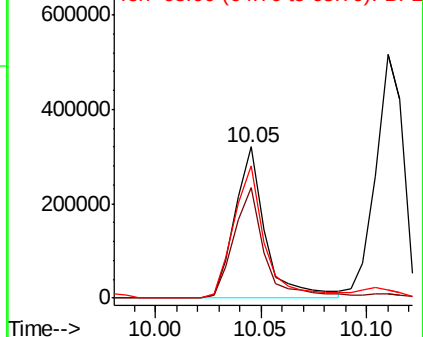
65 88.0 72.4 112.4

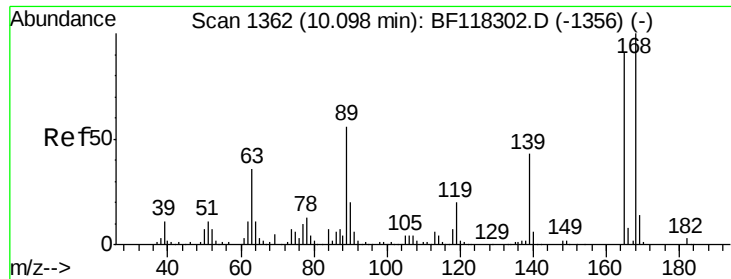


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





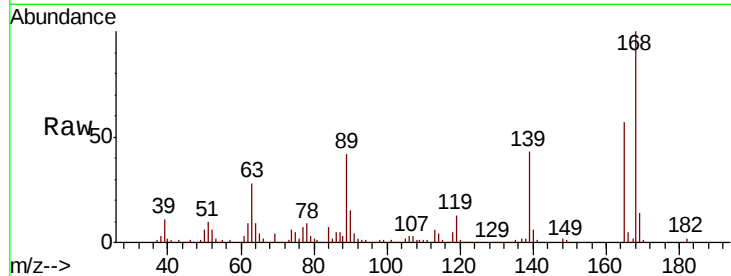
#57
2,4-Dinitrotoluene
Concen: 44.409 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	49.7	32.0	48.0#
89	74.6	49.3	73.9#
182	2.9	2.4	3.6

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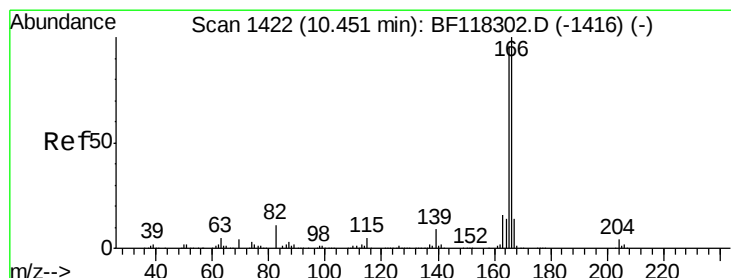
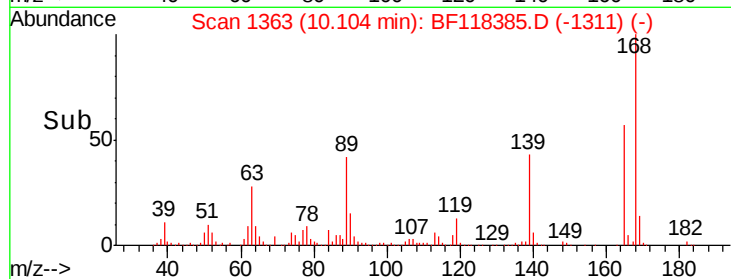
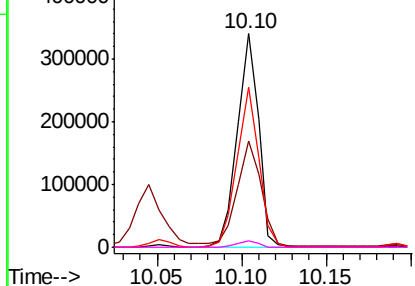
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.164 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

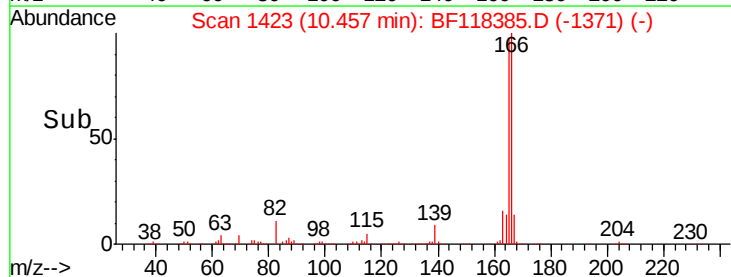
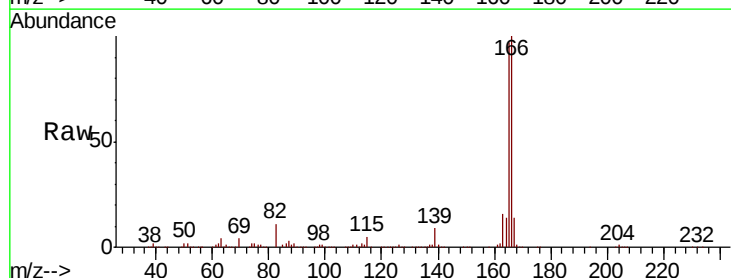
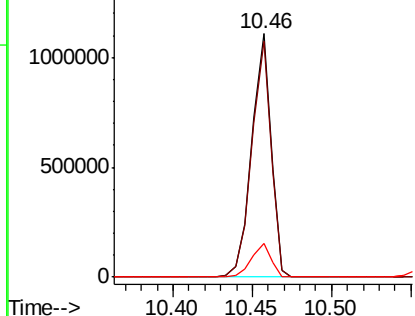
Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	96.9	77.0	115.4
167	13.7	10.9	16.3

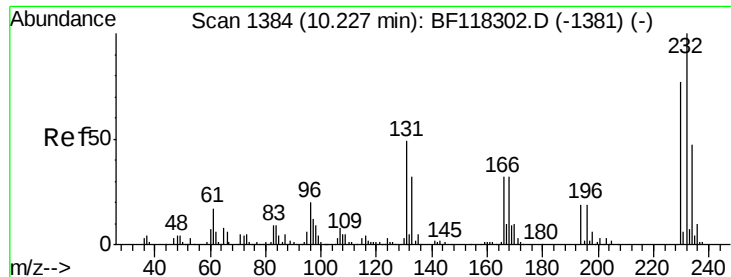
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.119 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

SB-04MS

Tot Ion:232 Resp: 250628

Ion Ratio Lower Upper

232 100

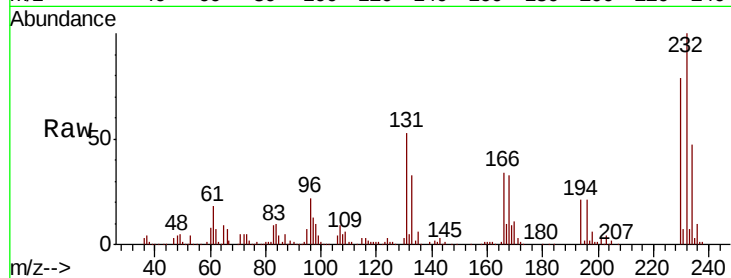
131 44.4 37.7 56.5

130 2.3 2.0 3.0

166 30.3 24.7 37.1

Manual Integrations
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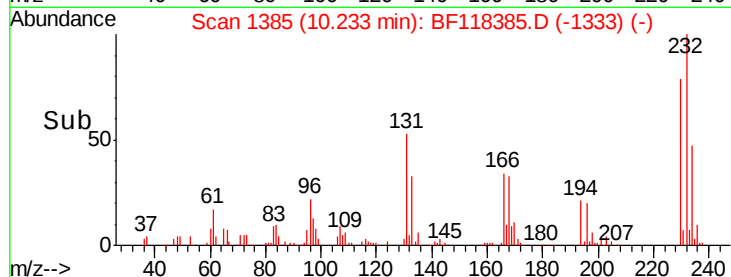


Abundance Ion 232.00 (231.70 to 232.70): E

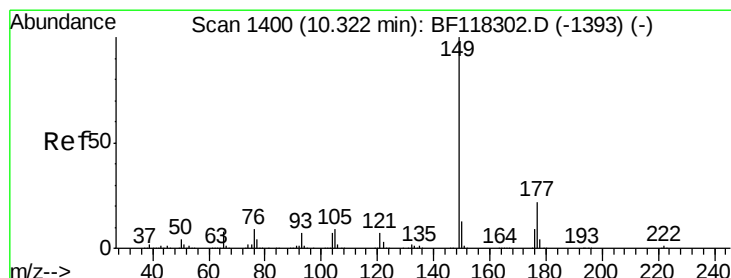
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 45.386 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

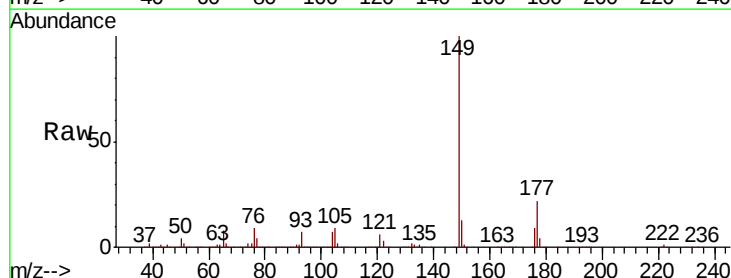
Tgt Ion:149 Resp: 1043969

Ion Ratio Lower Upper

149 100

177 22.4 17.9 26.9

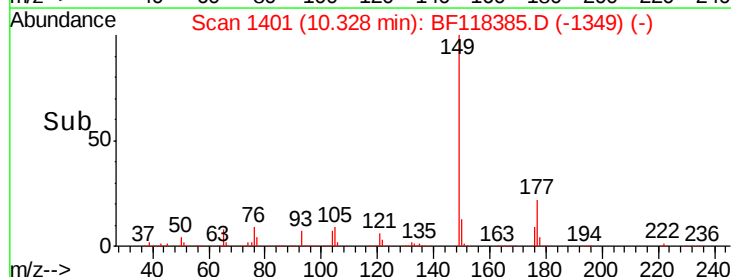
150 12.7 10.2 15.2



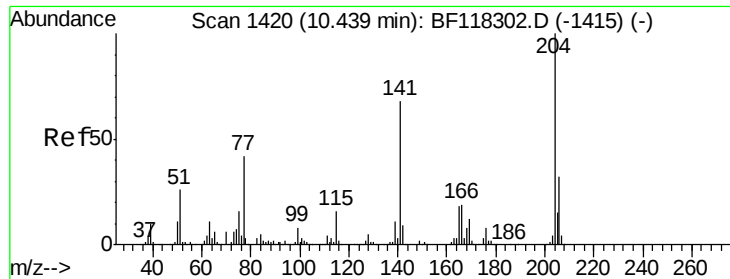
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



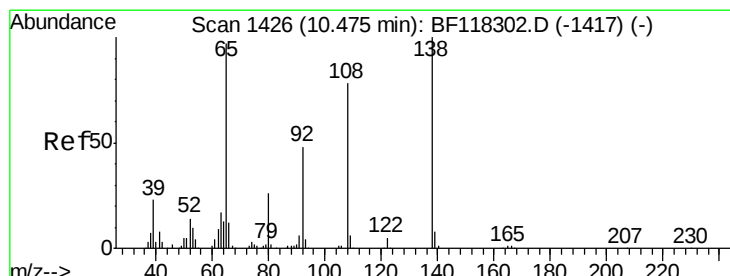
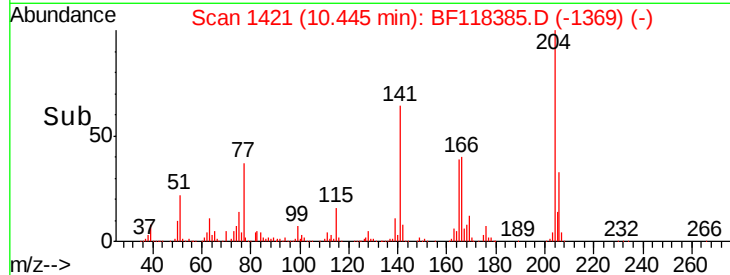
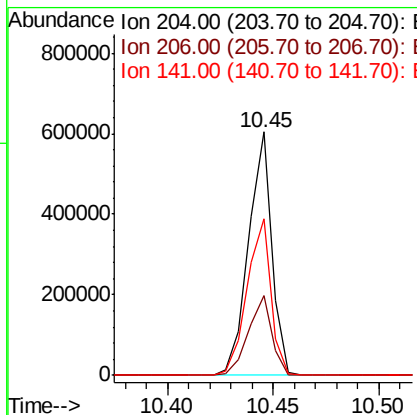
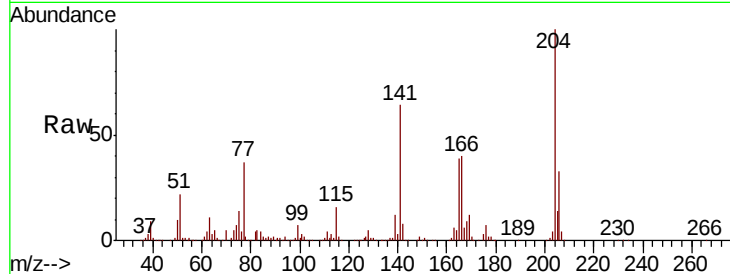
#61
 4-Chlorophenyl-phenylether
 Concen: 44.012 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Instrument :
 BNA_F
 ClientSampled :
 SB-04MS

Tot Ion:	204	Resp:	466796
Ion Ratio		Lower	Upper
204	100		
206	32.6	25.8	38.8
141	64.4	54.2	81.4

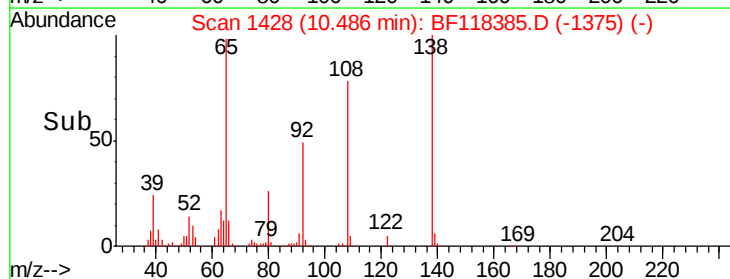
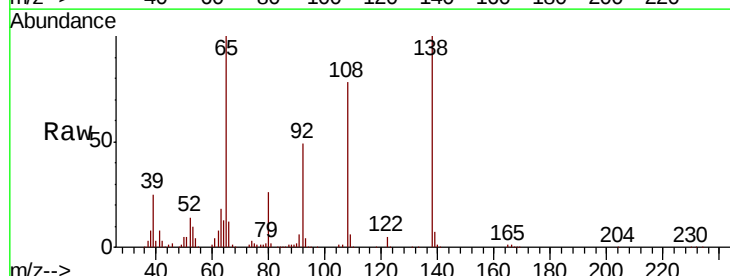
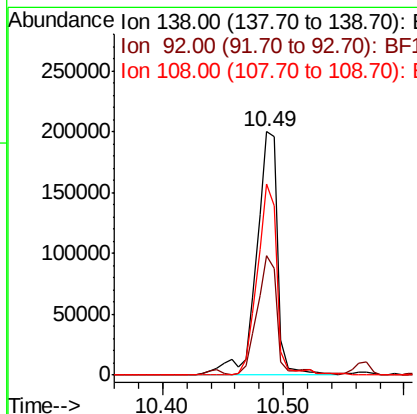
Manual Integrations
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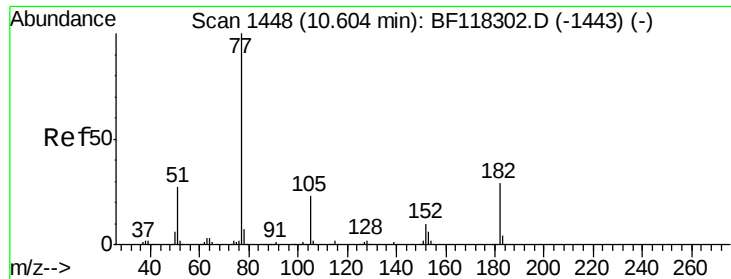
mohammad
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#62
 4-Nitroaniline
 Concen: 40.263 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Tgt Ion:	138	Resp:	246087
Ion Ratio		Lower	Upper
138	100		
92	49.2	27.9	67.9
108	78.5	58.1	98.1





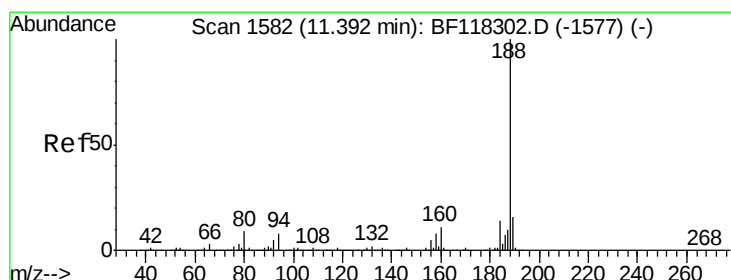
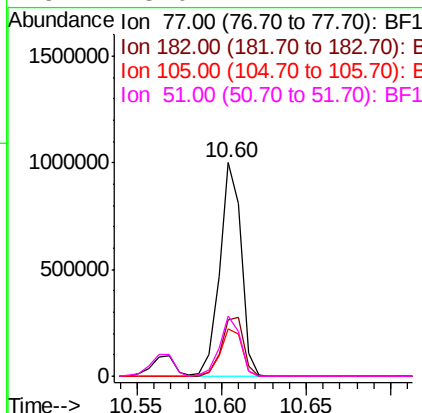
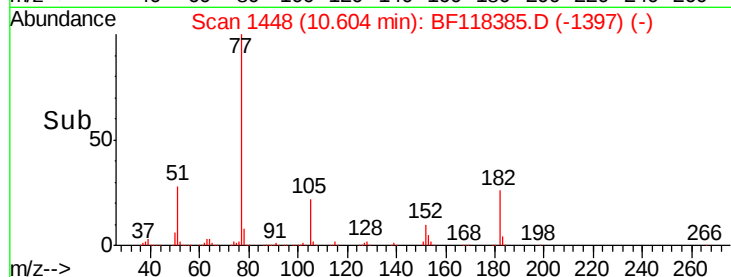
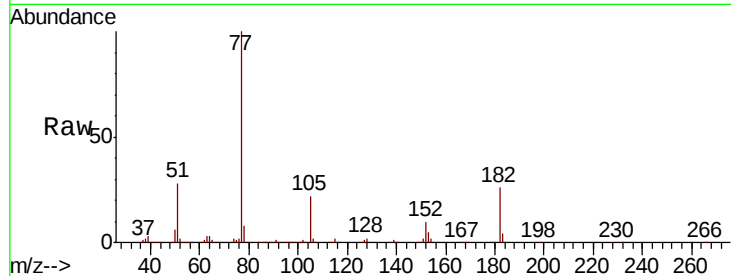
#63
Azobenzene
Concen: 45.008 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.4	9.2	49.2		
105	22.2	3.2	43.2		
51	28.0	7.1	47.1		

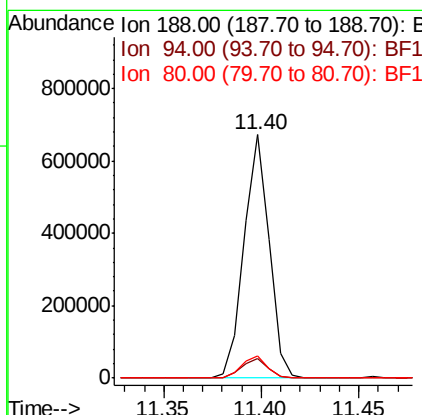
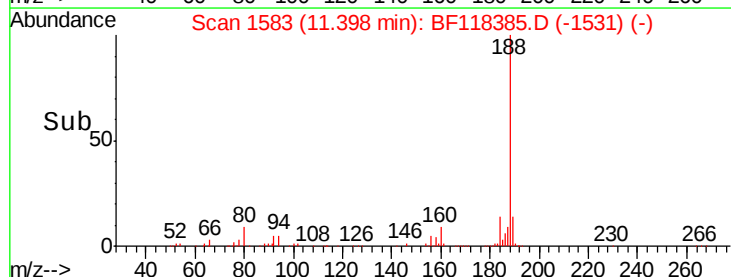
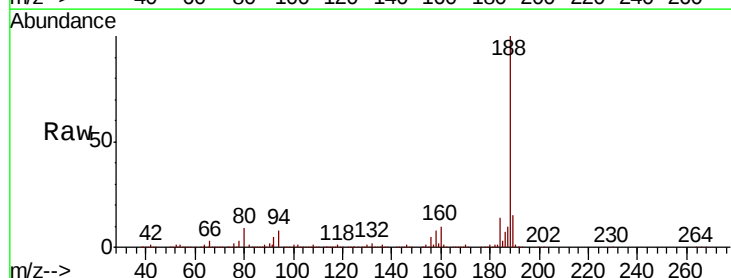
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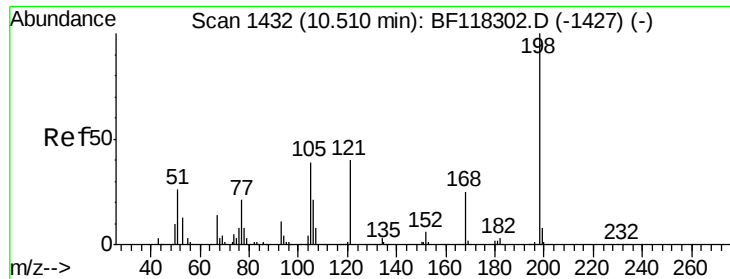
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.2	6.7	10.1		
80	8.9	7.2	10.8		





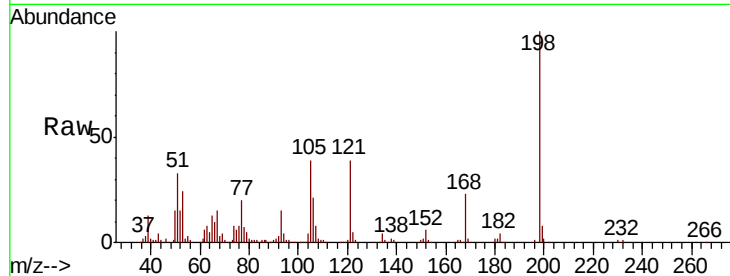
#65
4,6-Dinitro-2-methylphenol
Concen: 49.405 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	160262		
51	32.8		12.8	52.8
105	38.8		20.3	60.3

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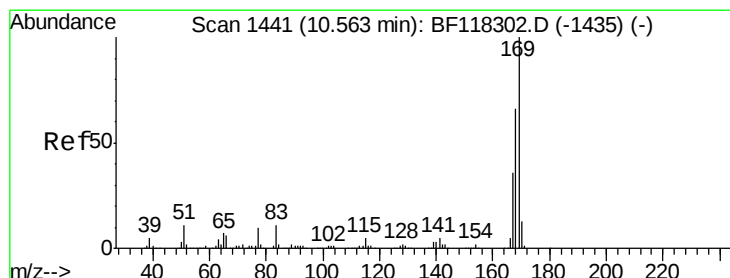
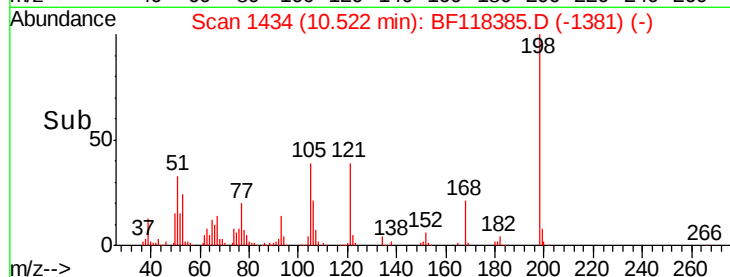
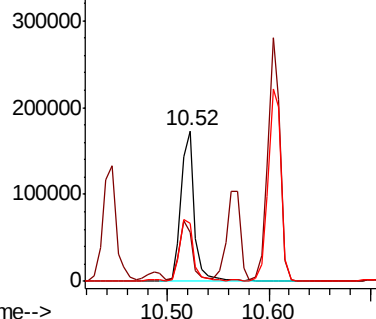


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 43.446 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

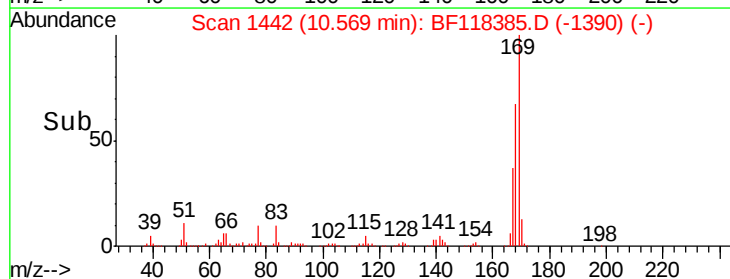
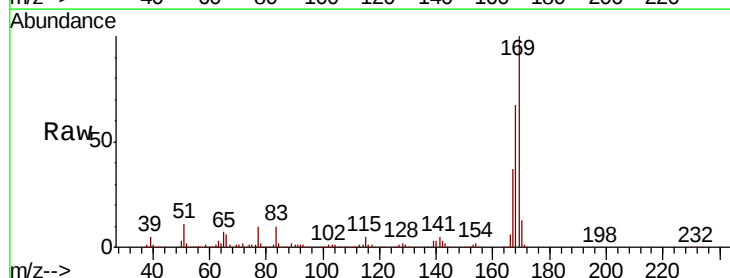
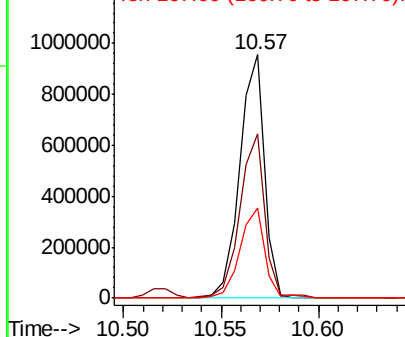
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	837293		
168	67.2		52.6	79.0
167	36.8		28.4	42.6

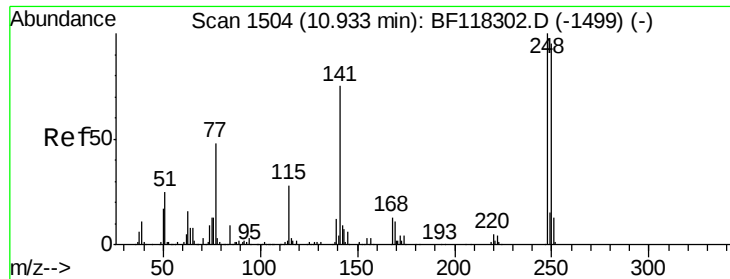
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





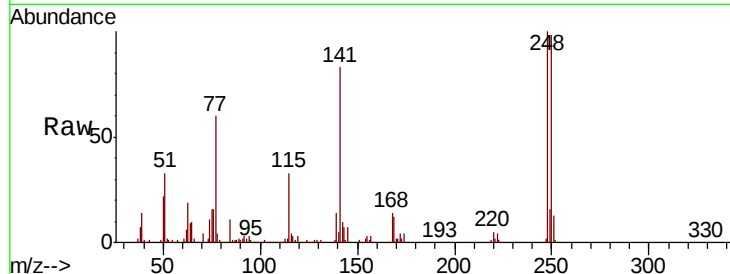
#67
4-Bromophenyl-phenylether
Concen: 42.774 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.4	114.6
141	83.4	60.2	90.2

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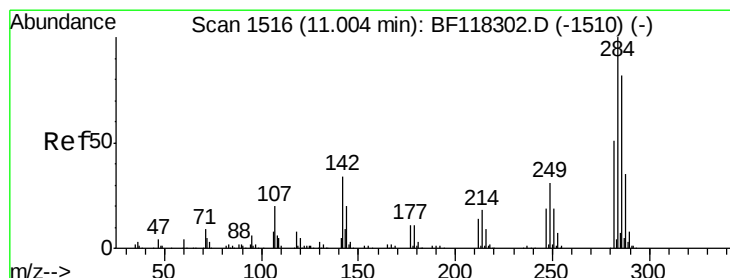
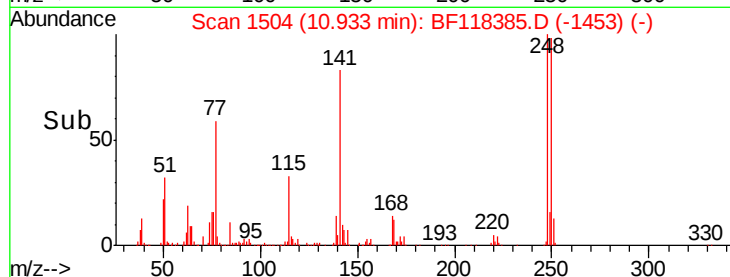
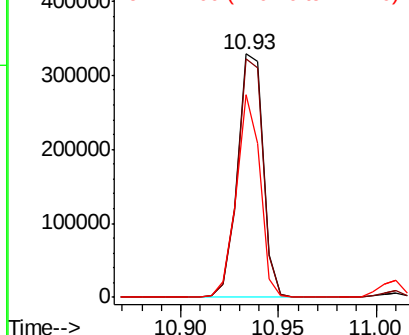


Abundance

Ion 248.00 (247.70 to 248.70): E

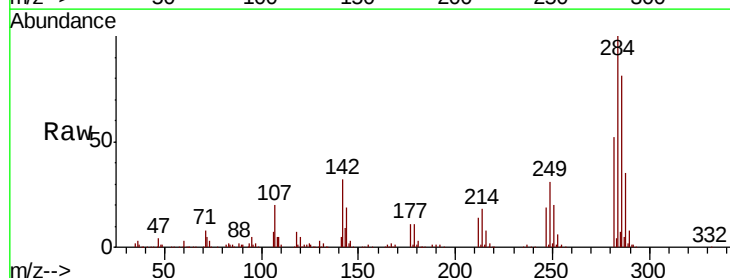
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.302 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	27.3	40.9
249	30.6	25.0	37.6

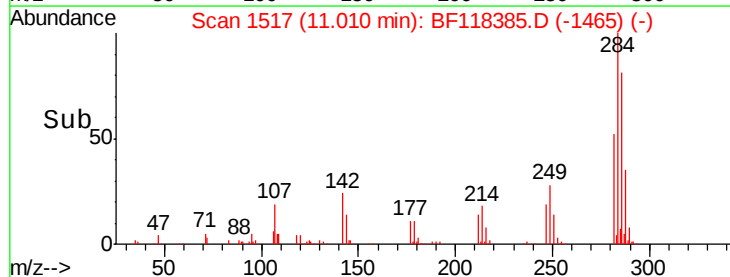
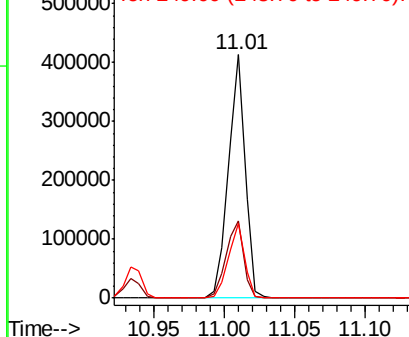


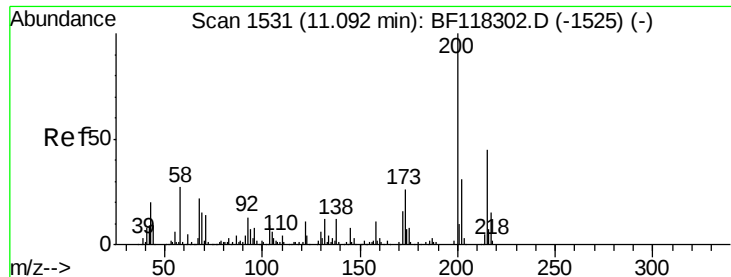
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





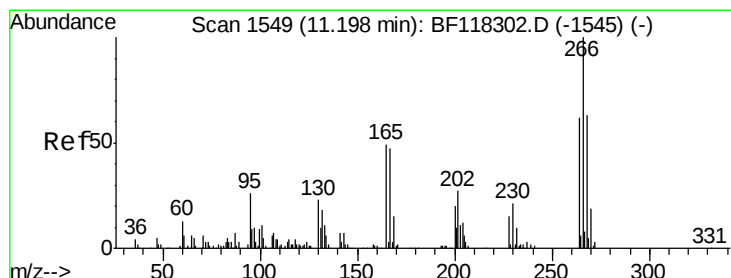
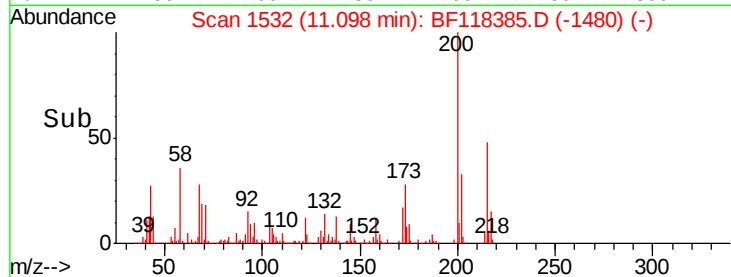
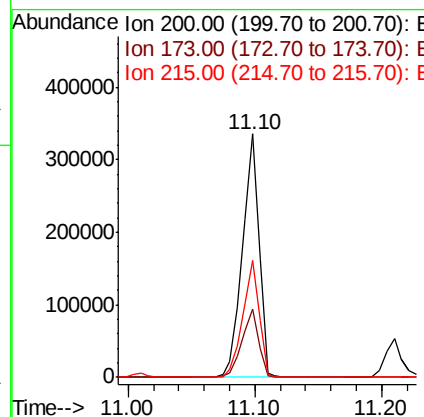
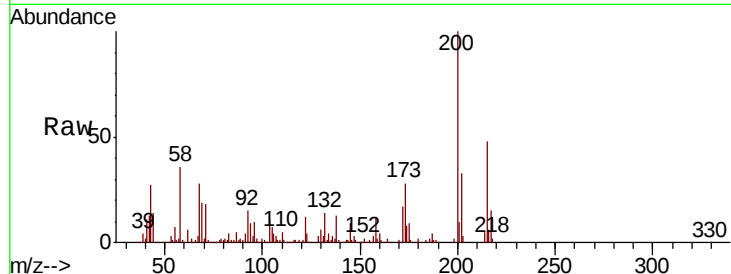
#69
Atrazine
Concen: 50.562 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.1	5.8	45.8	
215	47.8	25.1	65.1	

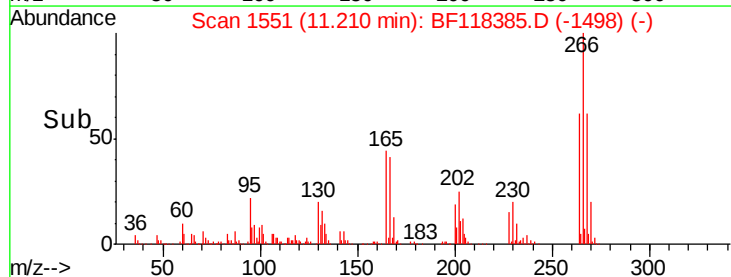
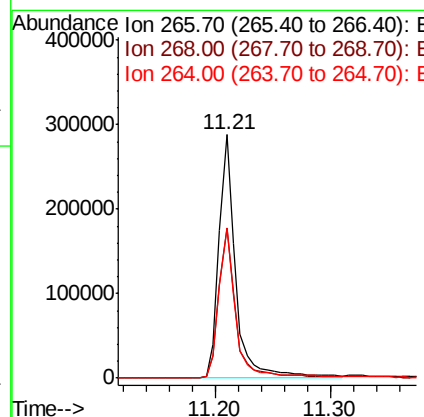
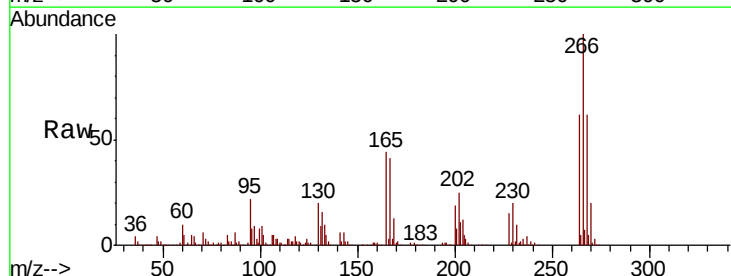
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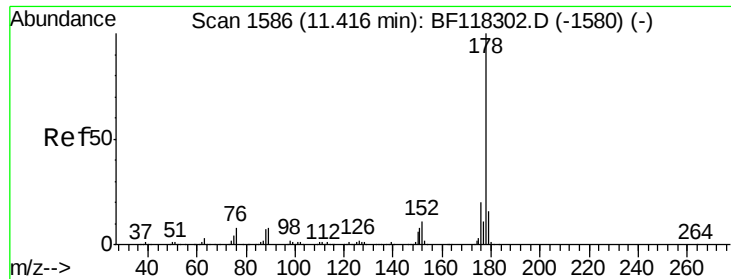
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#70
Pentachlorophenol
Concen: 81.902 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	61.8	50.6	76.0	
264	61.6	49.9	74.9	





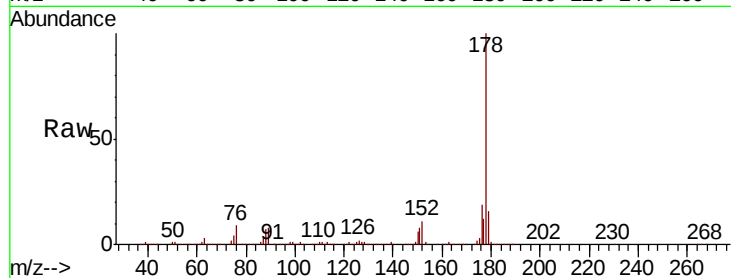
#71
Phenanthrene
Concen: 43.326 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.6	12.6	19.0

Manual Integrations
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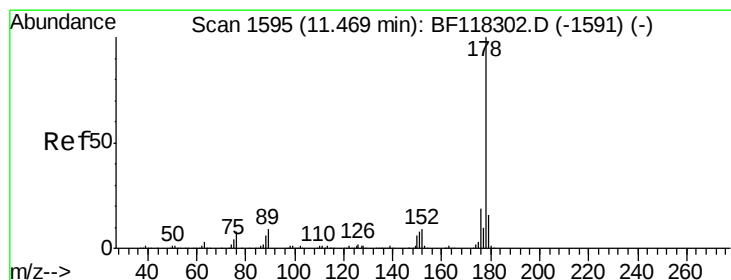
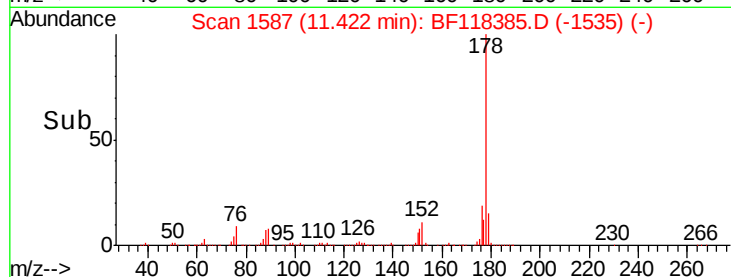
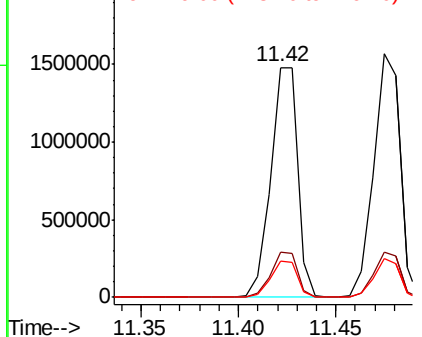


Abundance

Ion 178.00 (177.70 to 178.70): E

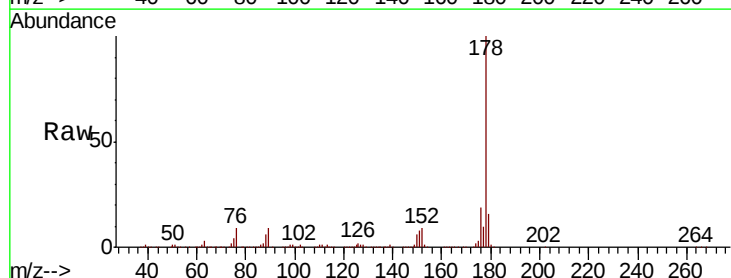
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 45.097 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	15.7	12.9	19.3

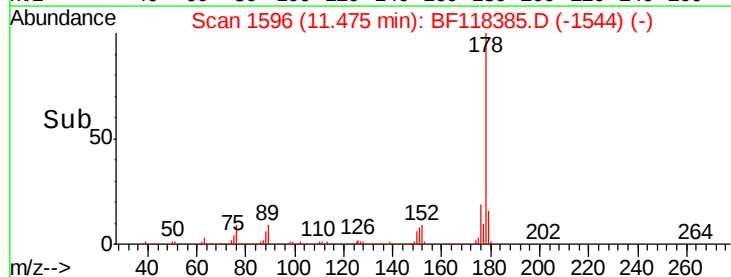
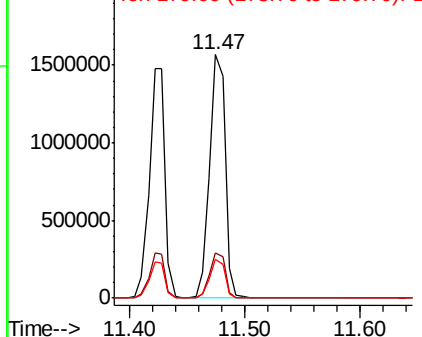


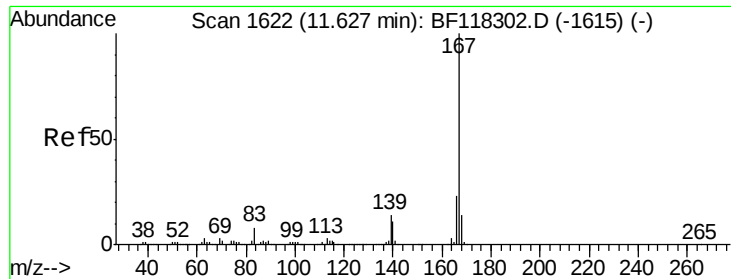
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





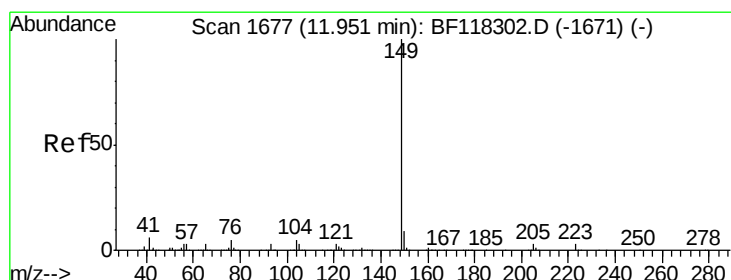
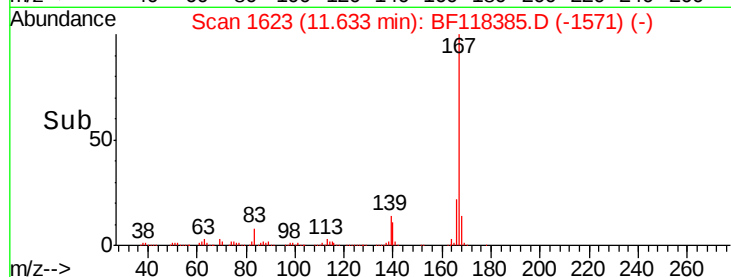
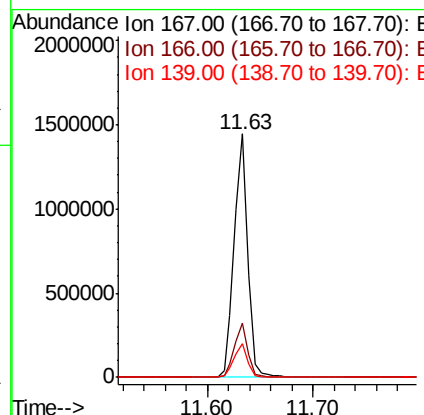
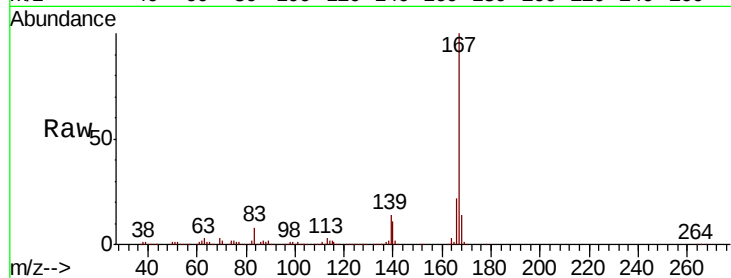
#73
 Carbazole
 Concen: 43.900 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.9	11.5	17.3

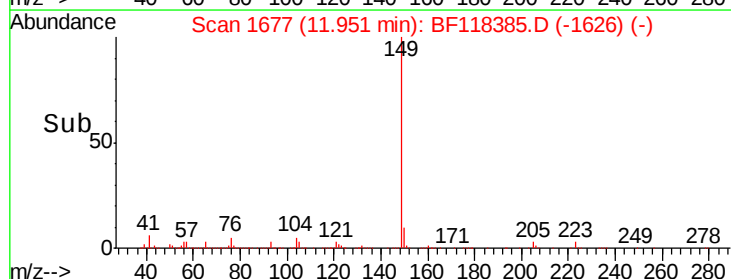
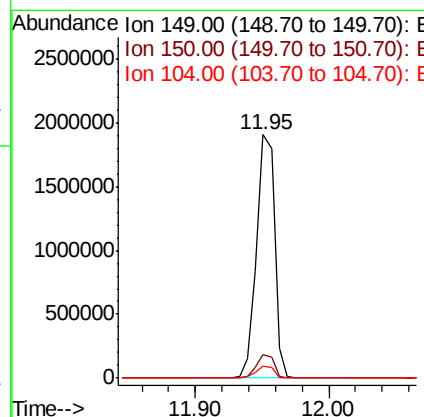
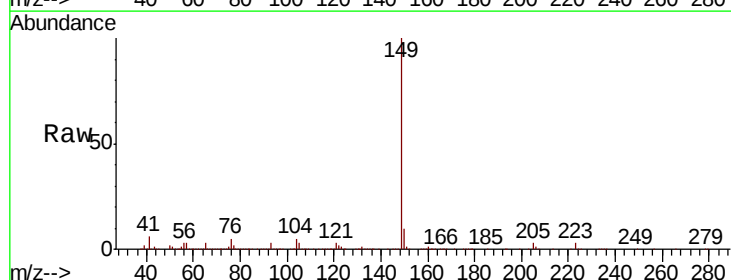
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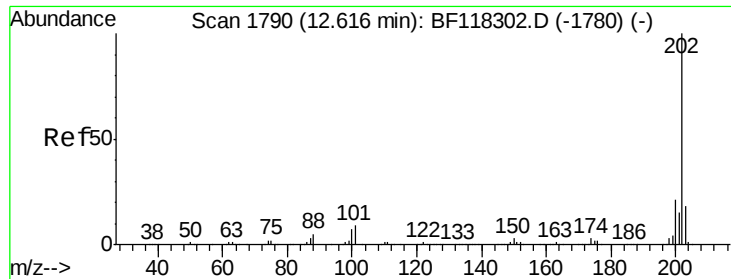
mohammad
 12/31/2019 12:04:02 PM



#74
 Di-n-butylphthalate
 Concen: 47.544 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 45.069 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

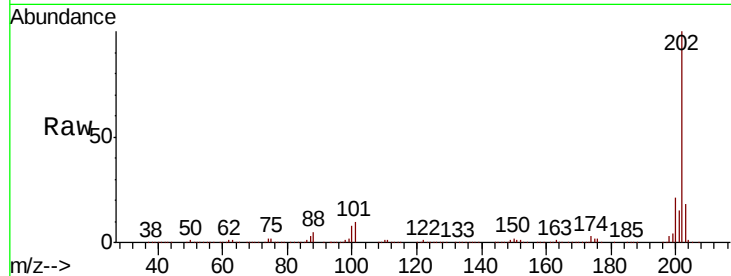
ClientSampleId :

SB-04MS

Tot Ion:	202	Resp:	1490995
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.5
203	17.8	0.0	37.6

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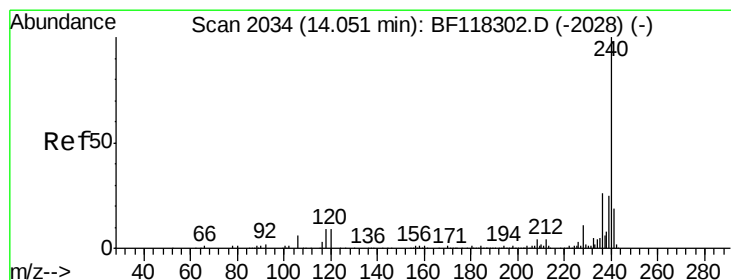
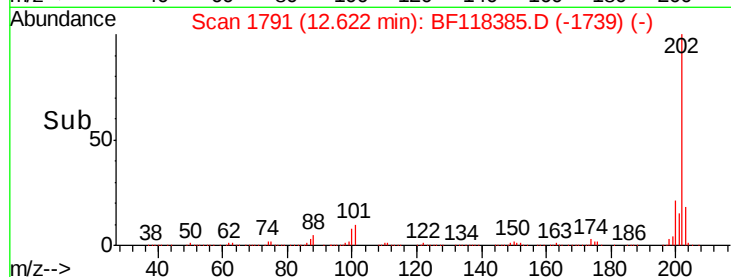
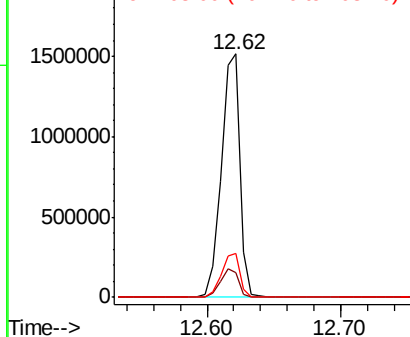


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

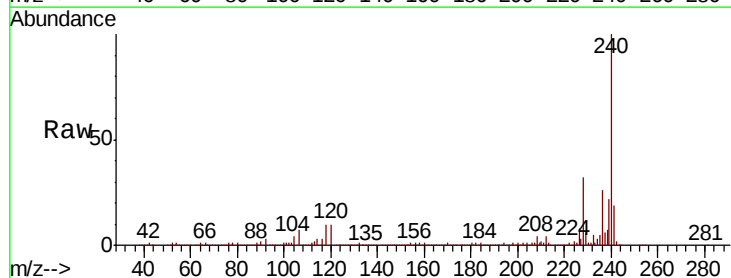
RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Tgt Ion:	240	Resp:	427783
Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.1	10.7
236	25.7	21.0	31.6

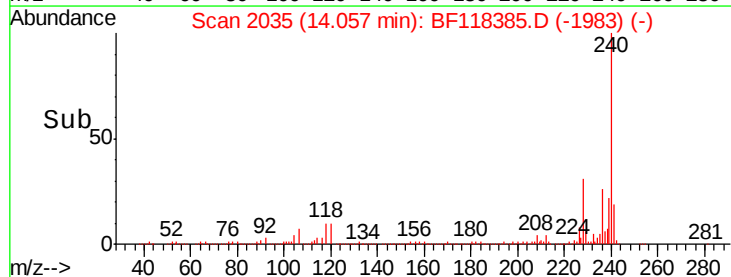
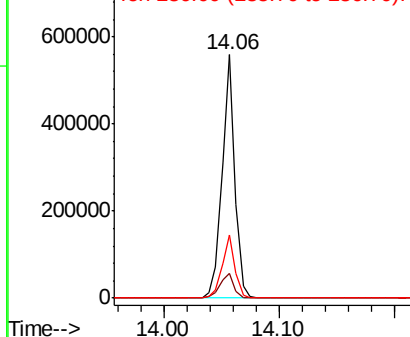


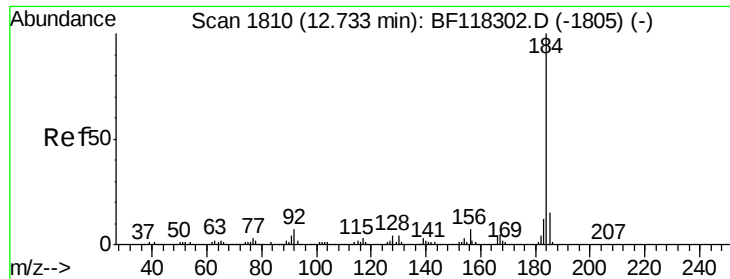
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 64.480 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampled :

SB-04MS

Tot Ion:184 Resp: 755798

Ion Ratio Lower Upper

184 100

185 14.5 12.3 18.5

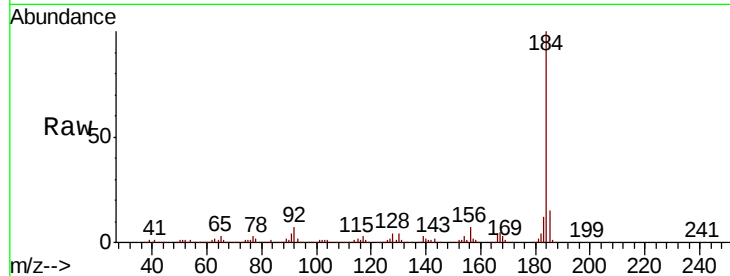
183 11.6 9.4 14.2

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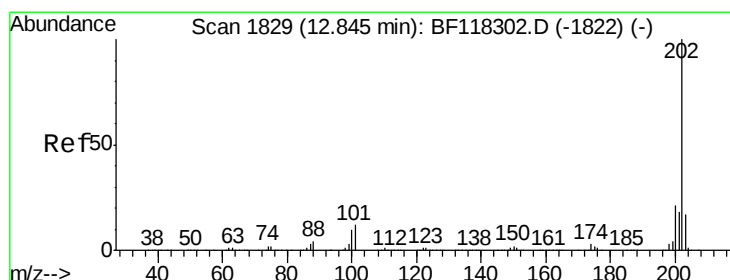
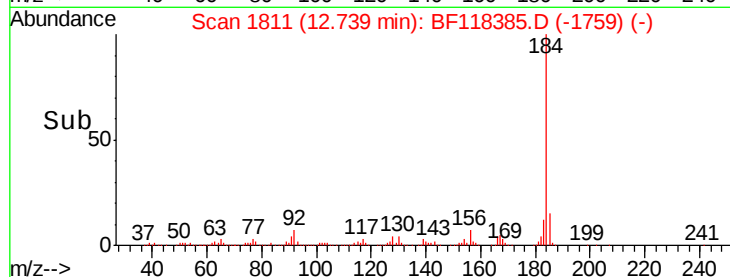
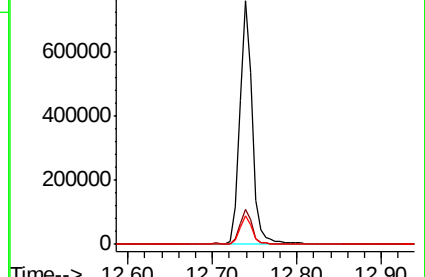
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.747 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

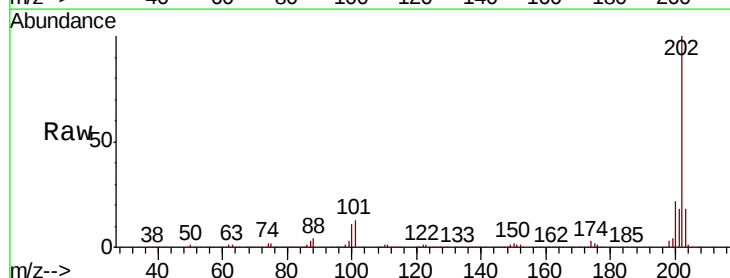
Tgt Ion:202 Resp: 1493268

Ion Ratio Lower Upper

202 100

200 21.9 16.8 25.2

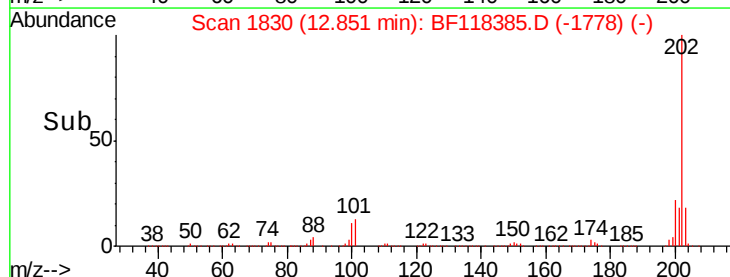
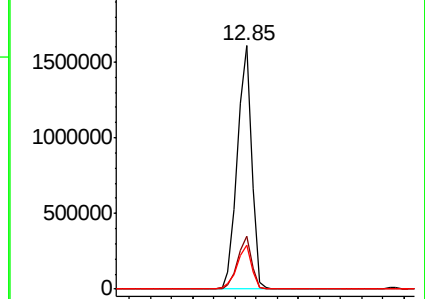
203 18.2 13.9 20.9

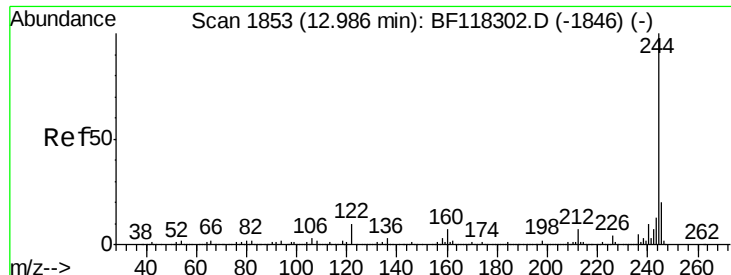


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





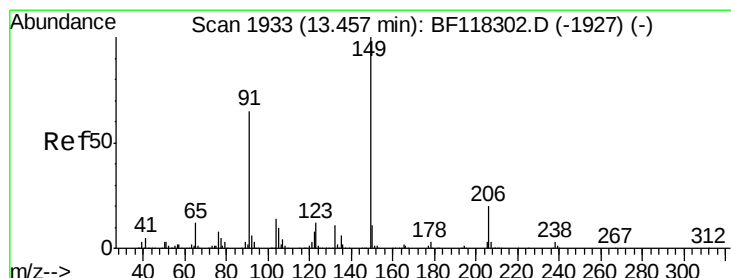
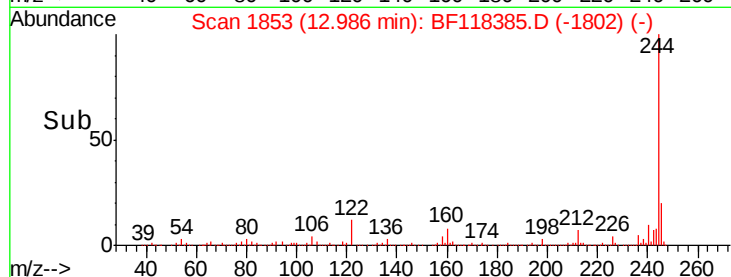
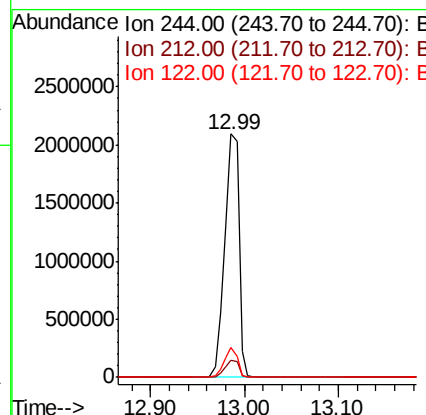
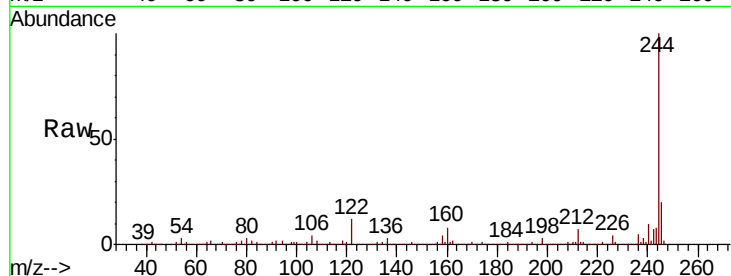
#79
 Terphenyl-d14
 Concen: 86.929 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Instrument :
 BNA_F
 ClientSampled :
 SB-04MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	12.2	7.8	11.8

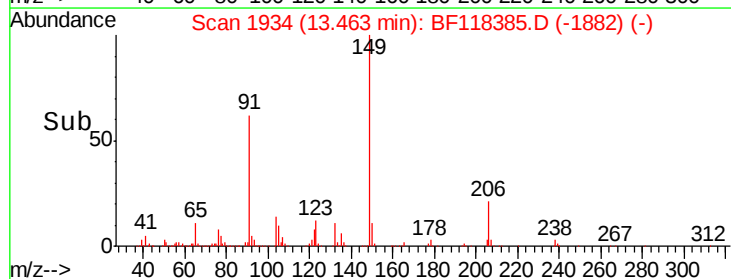
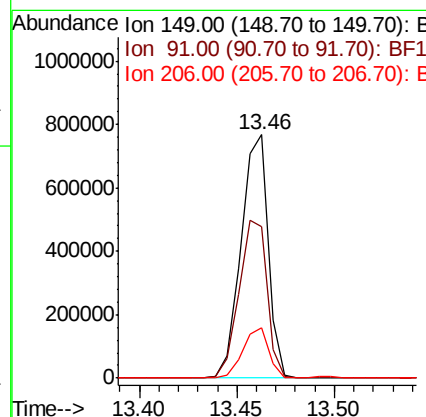
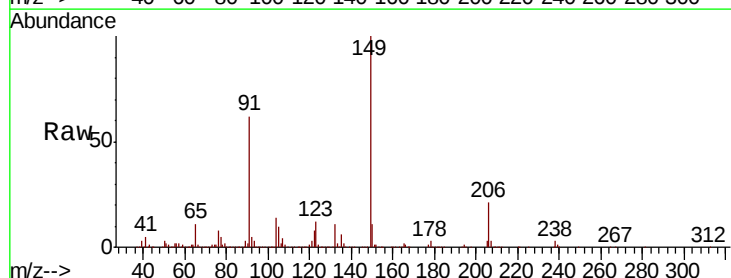
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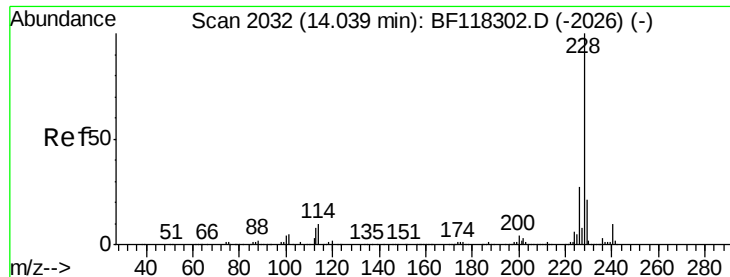
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#80
 Butylbenzylphthalate
 Concen: 47.178 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. 0.01 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.2	51.8	77.6
206	20.8	15.7	23.5





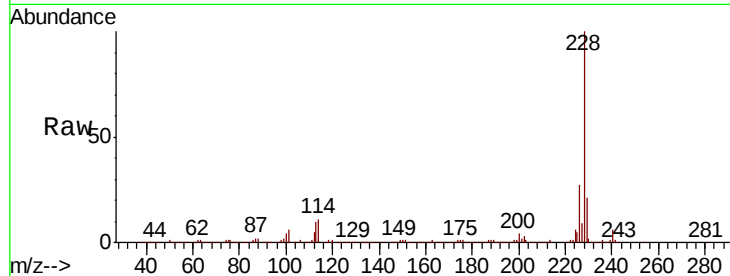
#81
Benzo(a)anthracene
Concen: 43.847 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.0	33.0
229	20.6	16.6	24.8

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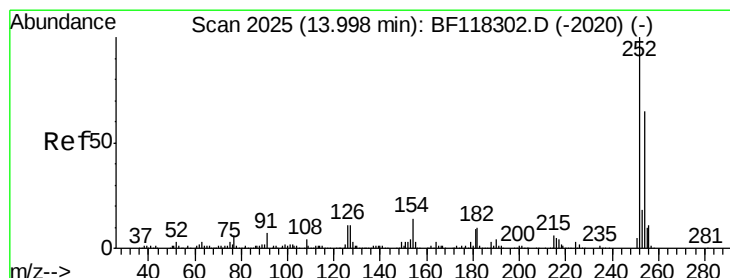
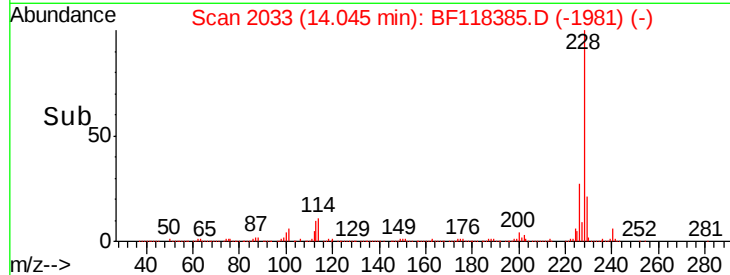
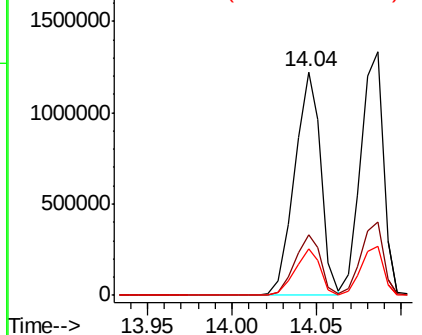


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 30.679 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

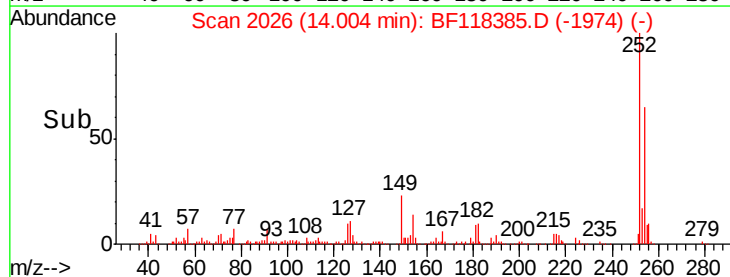
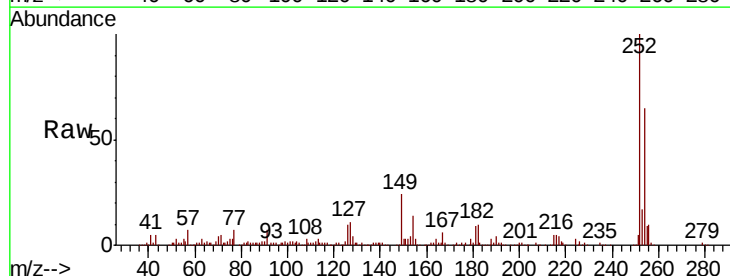
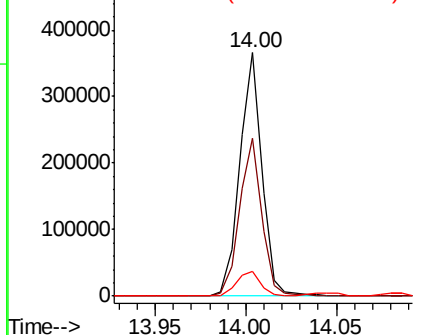
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.8	77.8
126	10.4	8.7	13.1

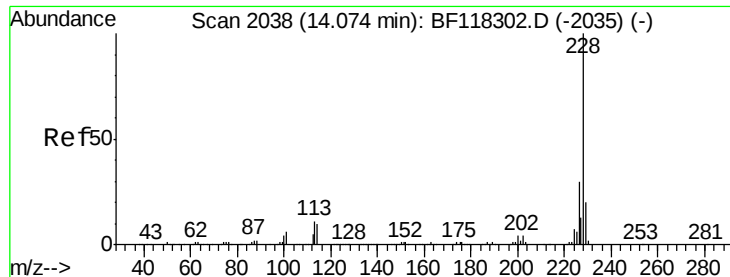
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





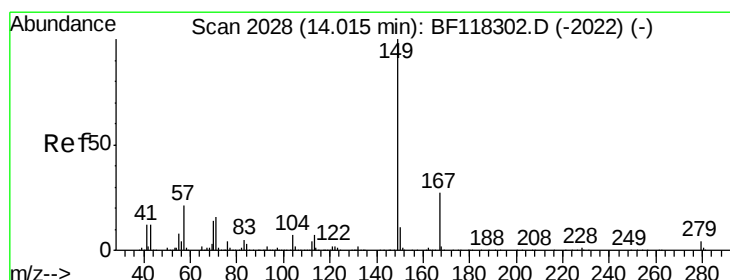
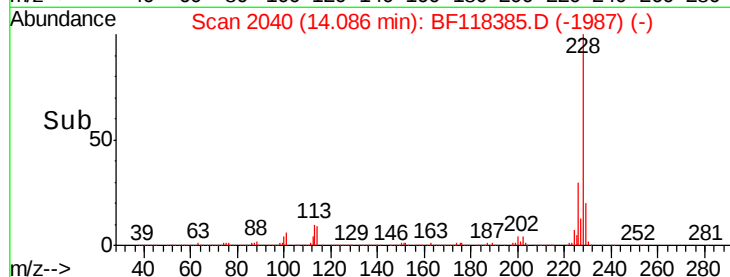
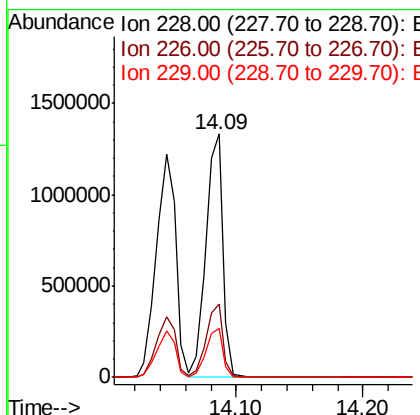
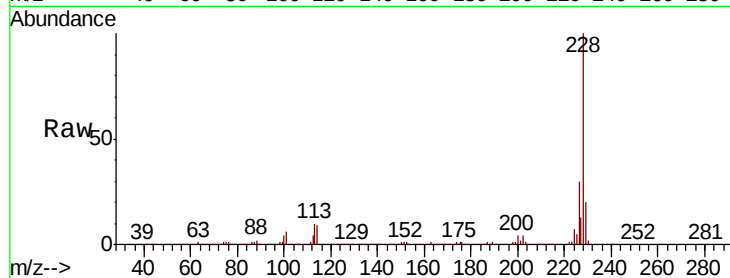
#83
 Chrvsene
 Concen: 43.467 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MS

Tot Ion:228 Resp: 1246269
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.9 35.9
 229 20.2 16.1 24.1

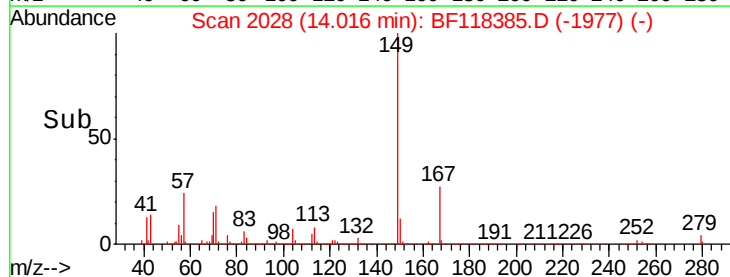
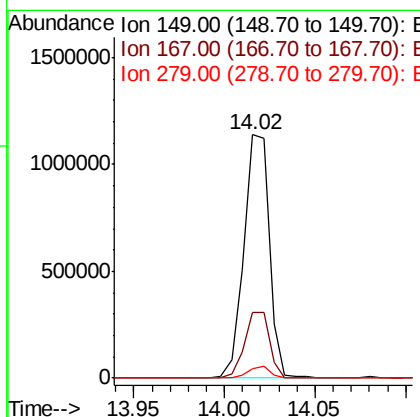
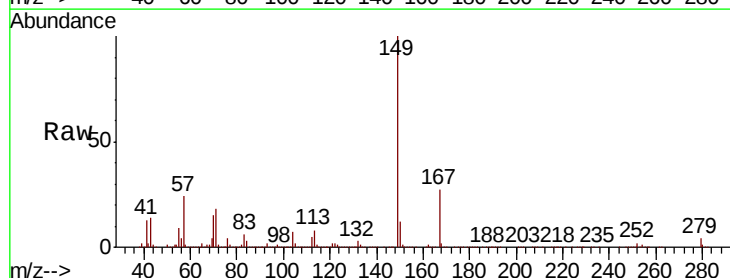
Manual Integrations
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.657 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF118385.D
 Acq: 30 Dec 2019 17:13

Tgt Ion:149 Resp: 1109757
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.8 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 57.252 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

SB-04MS

Tot Ion:149 Resp: 1741778

Ion Ratio Lower Upper

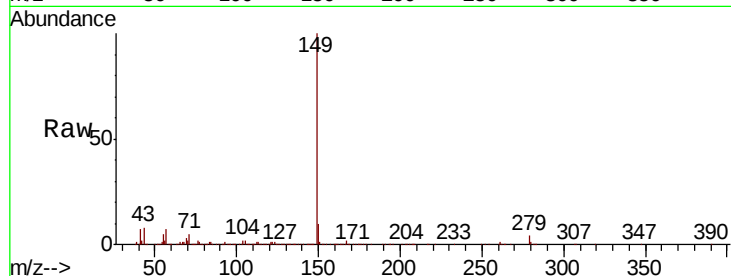
149 100

167 1.6 1.2 1.8

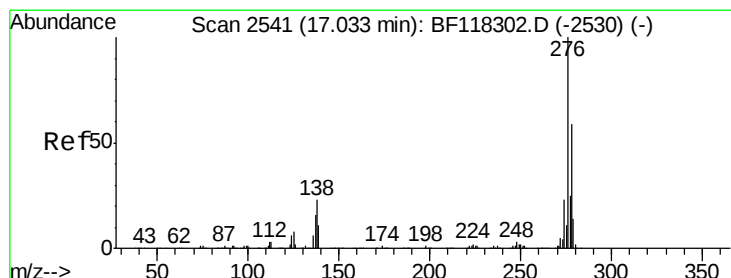
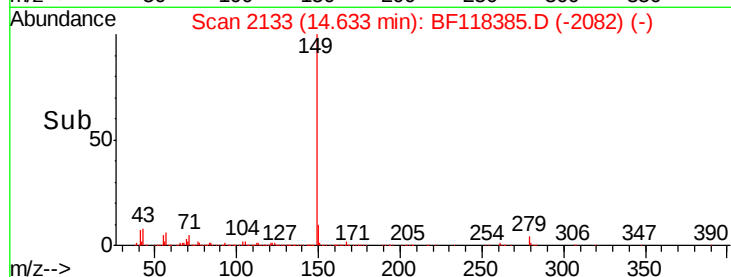
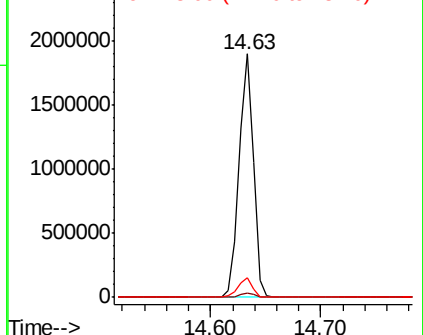
43 7.7 6.1 9.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.148 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.04 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

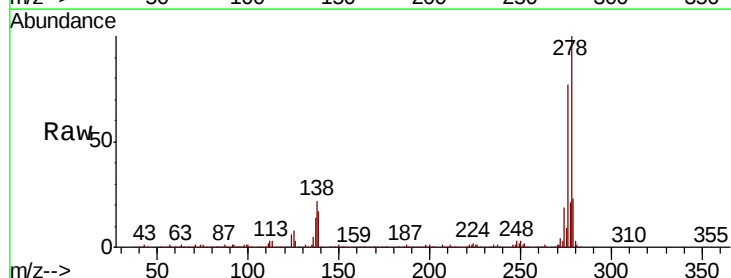
Tgt Ion:276 Resp: 1151810

Ion Ratio Lower Upper

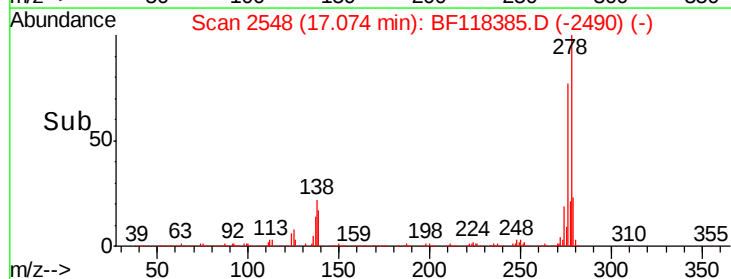
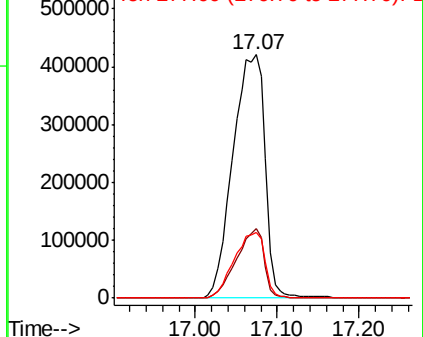
276 100

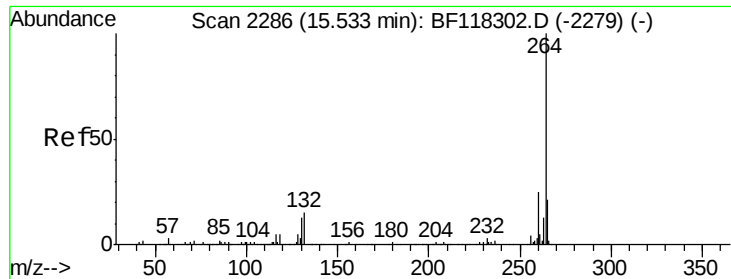
138 24.8 19.5 29.3

277 25.9 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

Instrument :

BNA_F

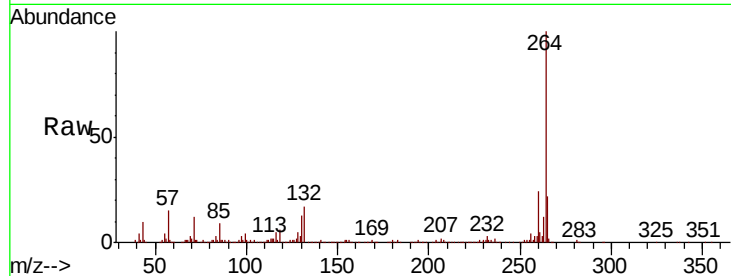
ClientSampleId :

SB-04MS

Tot Ion:	264	Resp:	398091
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.8	29.6
265	22.1	17.0	25.4

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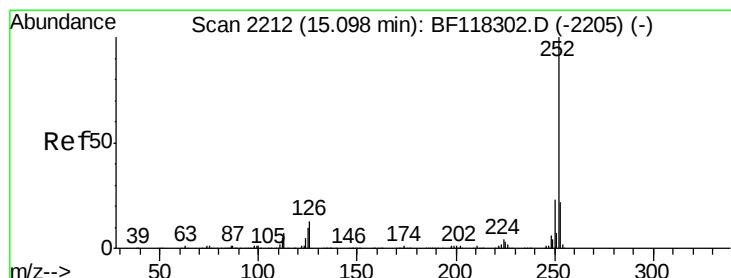
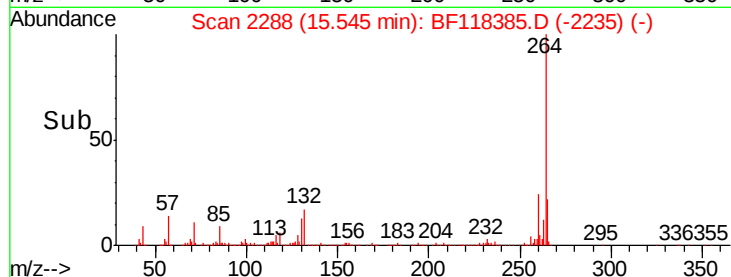
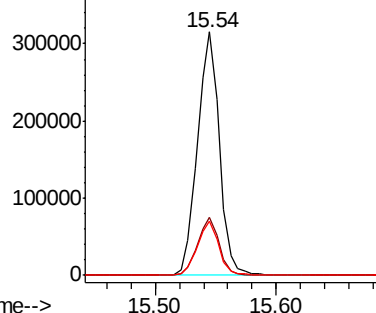


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.987 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.01 min

Lab File: BF118385.D

Acq: 30 Dec 2019 17:13

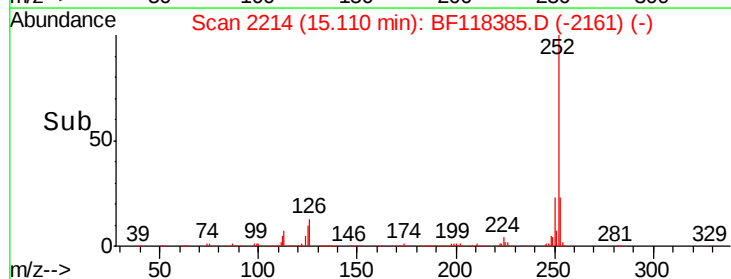
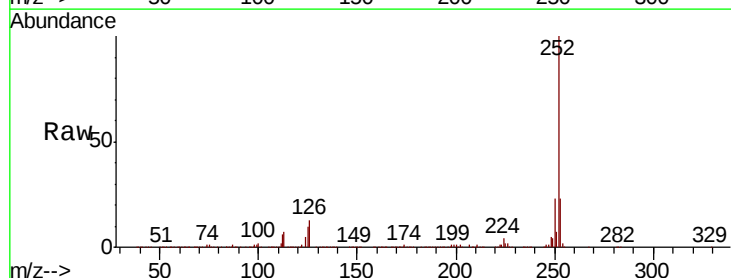
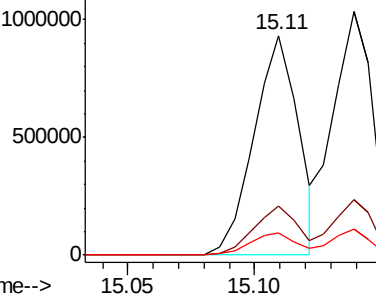
Tgt Ion:	252	Resp:	1135935
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.5	26.3
125	10.3	7.7	11.5

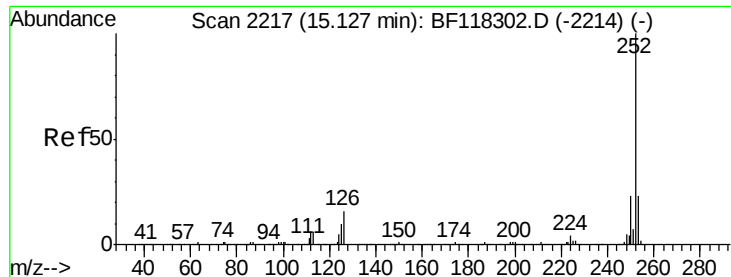
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





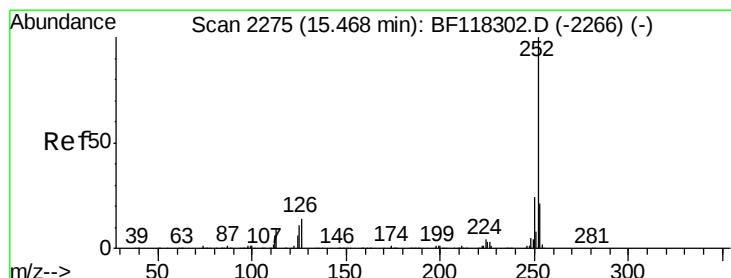
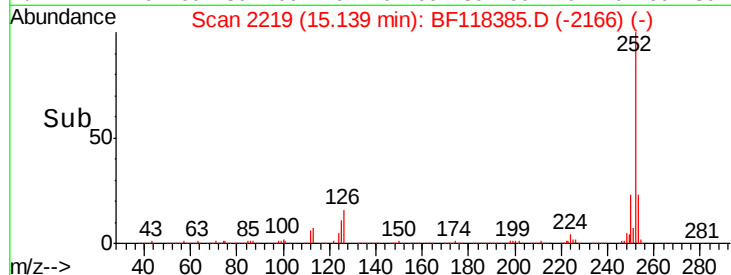
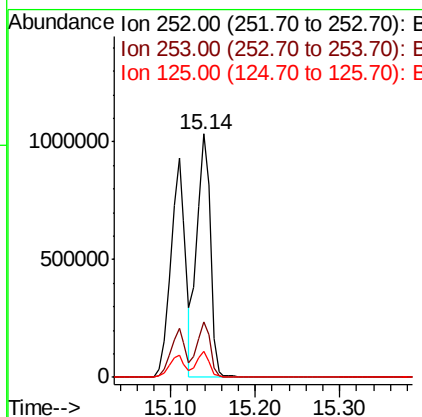
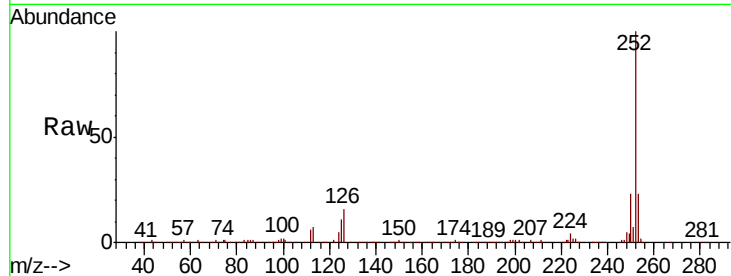
#89
Benzo(k)fluoranthene
Concen: 44.446 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.6	8.0	12.0

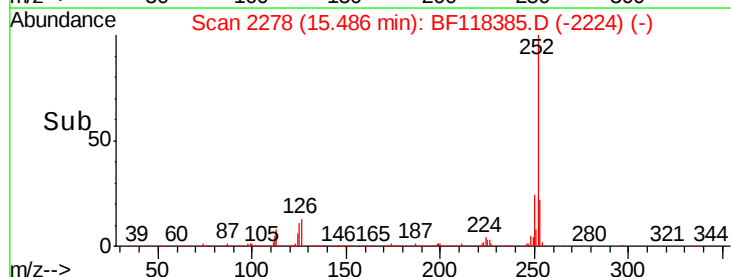
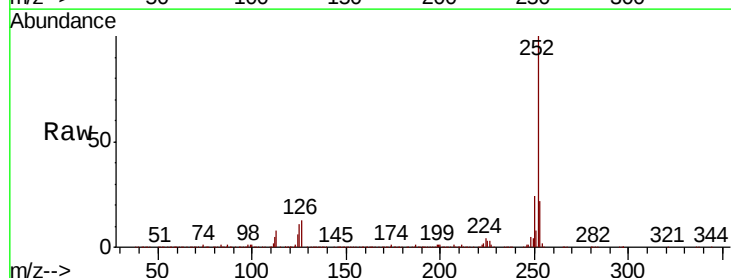
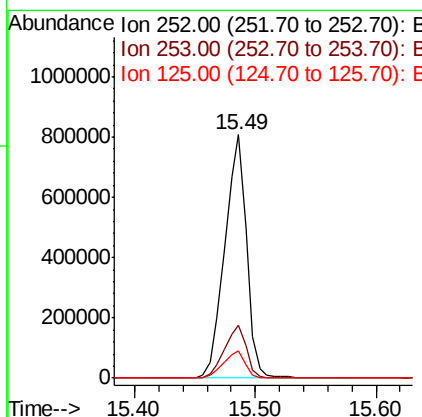
Manual Integrations
APPROVED

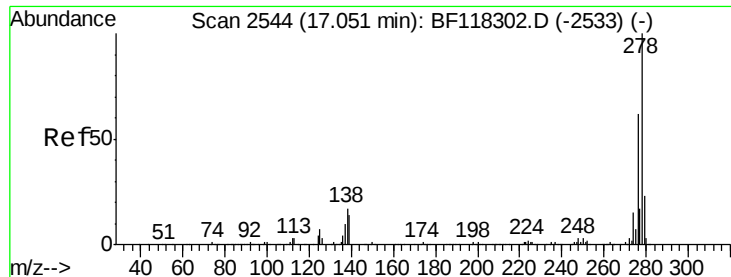
mohammad
12/31/2019 12:04:02 PM



#90
Benzo(a)pyrene
Concen: 43.320 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.1	9.0	13.4





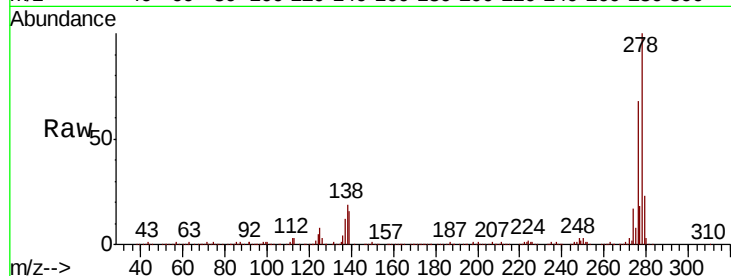
#91
Dibenzo(a,h)anthracene
Concen: 48.866 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.03 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
SB-04MS

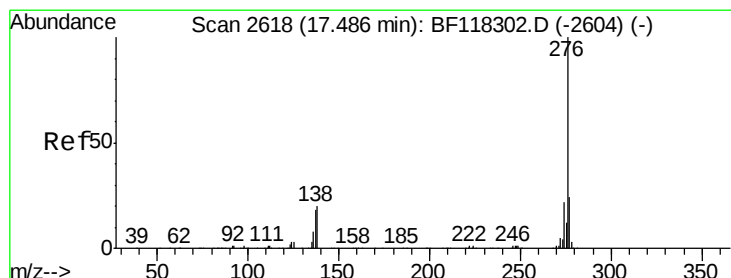
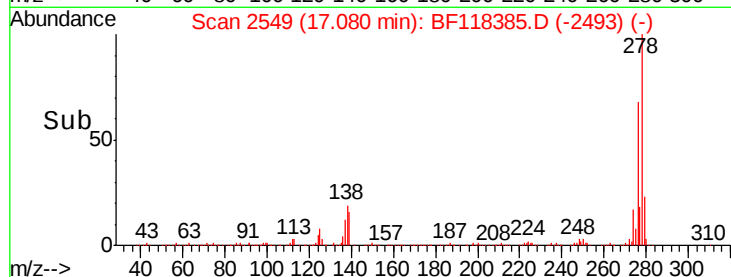
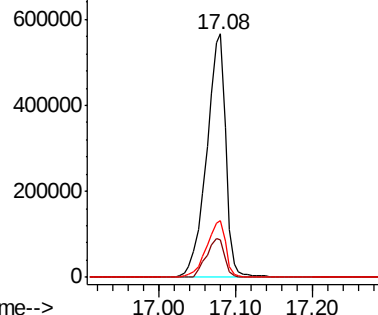
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.5	17.3
279	23.1	18.3	27.5

Manual Integrations
APPROVED

mohammad
12/31/2019 12:04:02 PM

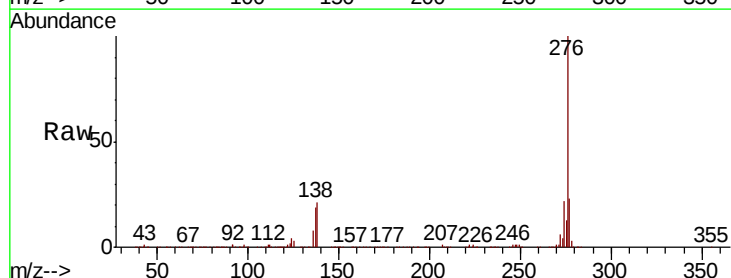


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.725 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.04 min
Lab File: BF118385.D
Acq: 30 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.1	28.7
138	21.4	16.1	24.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

